

FIG.1

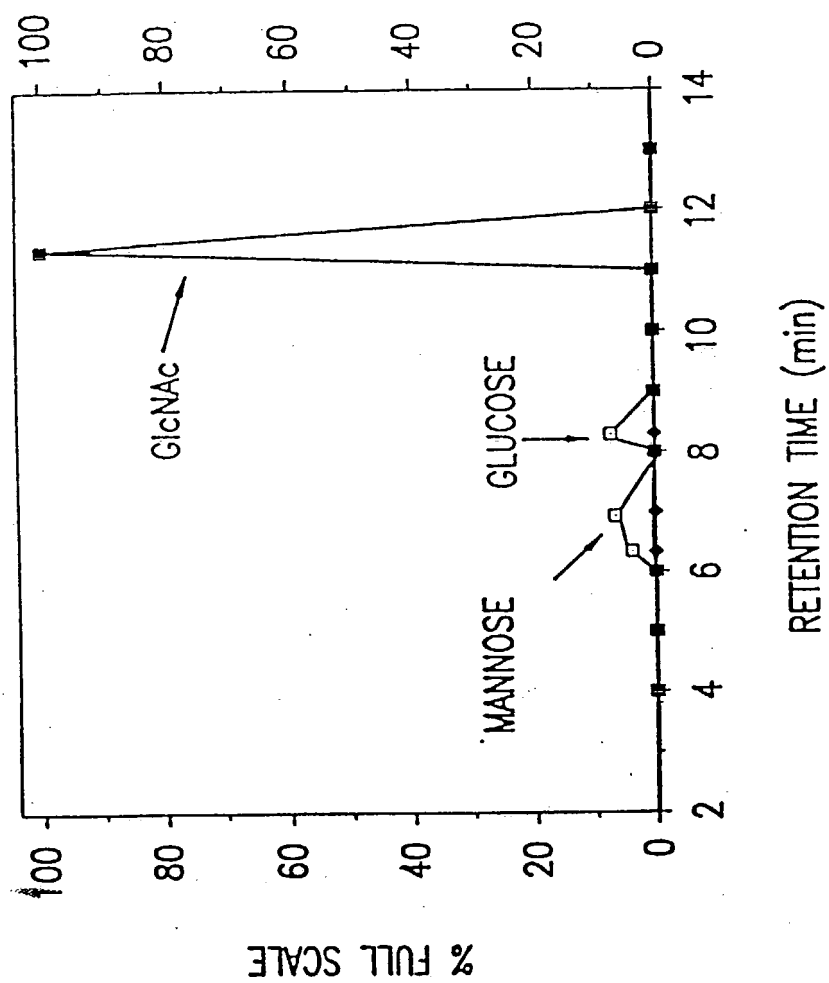


FIG.2

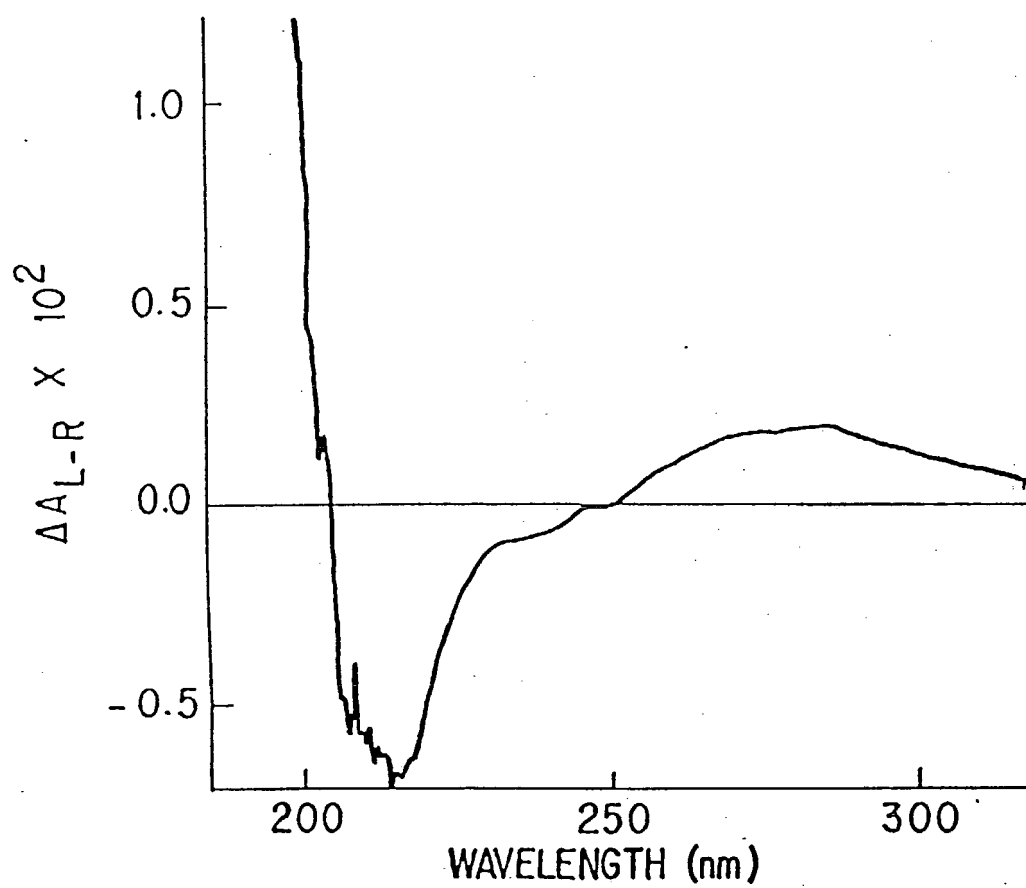


FIG. 3A

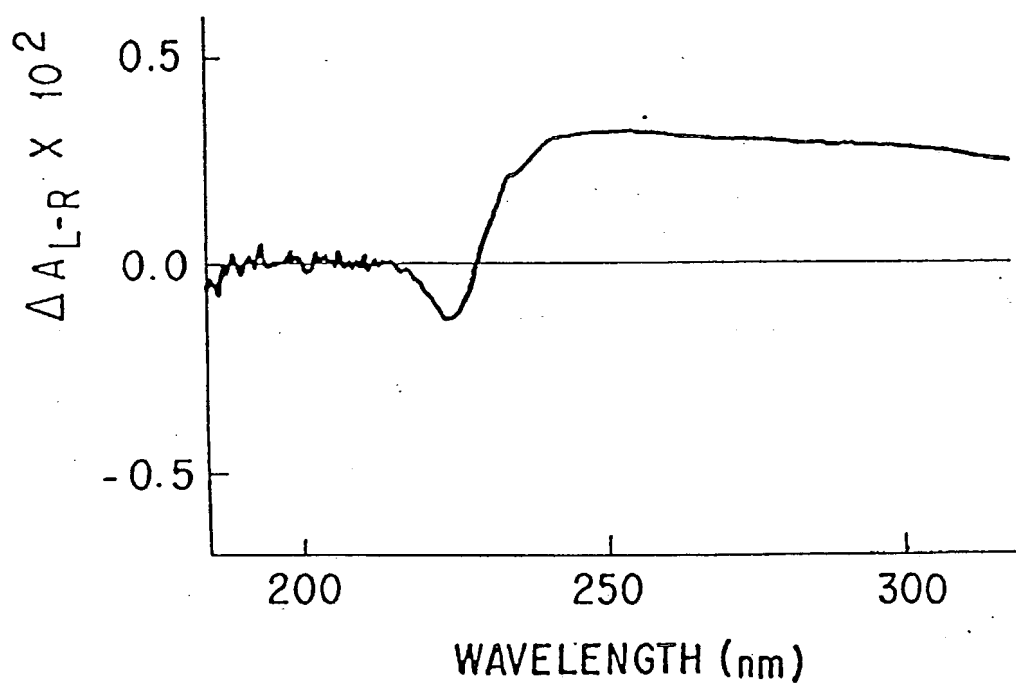


FIG. 3B

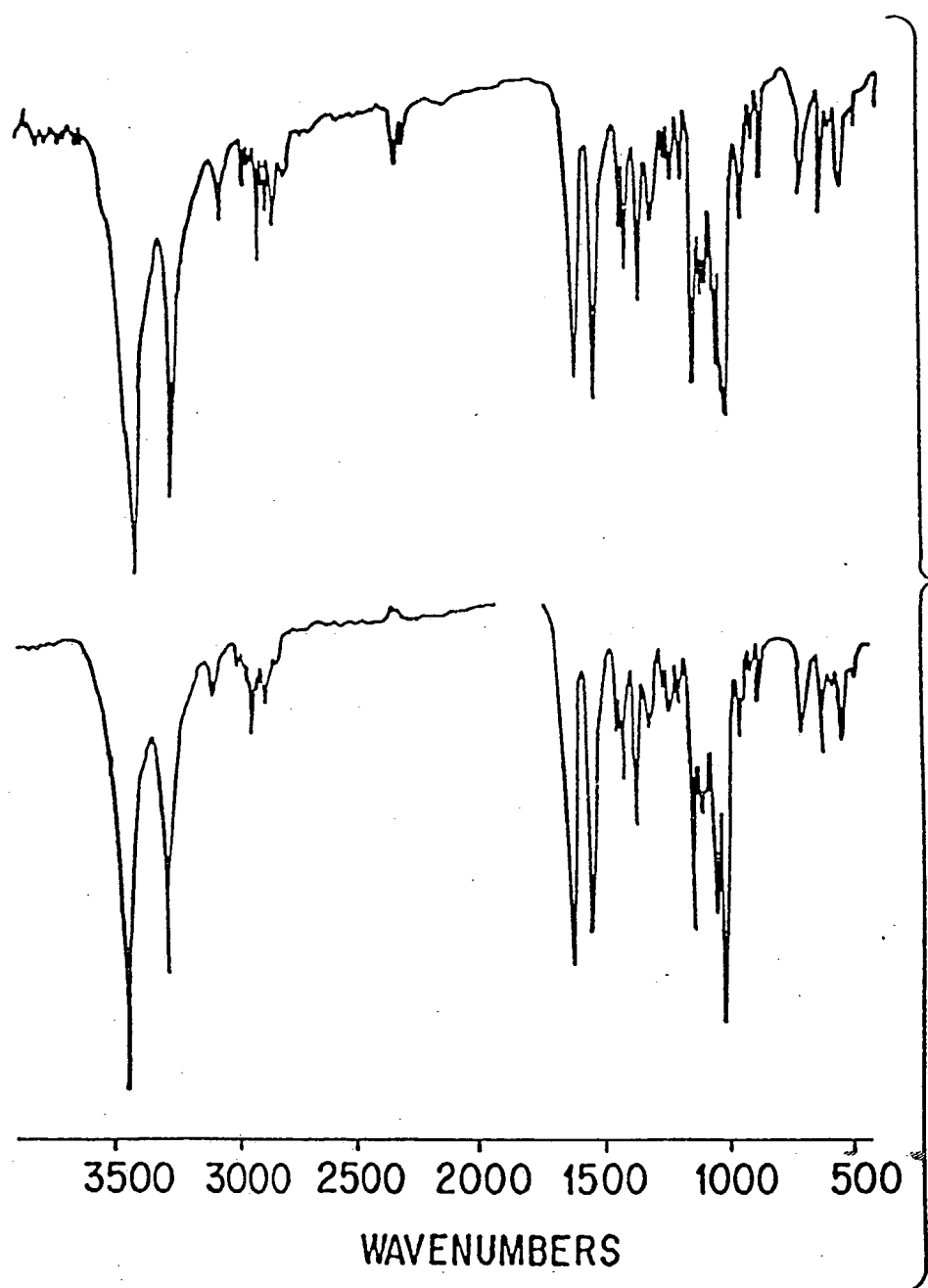


FIG. 4A

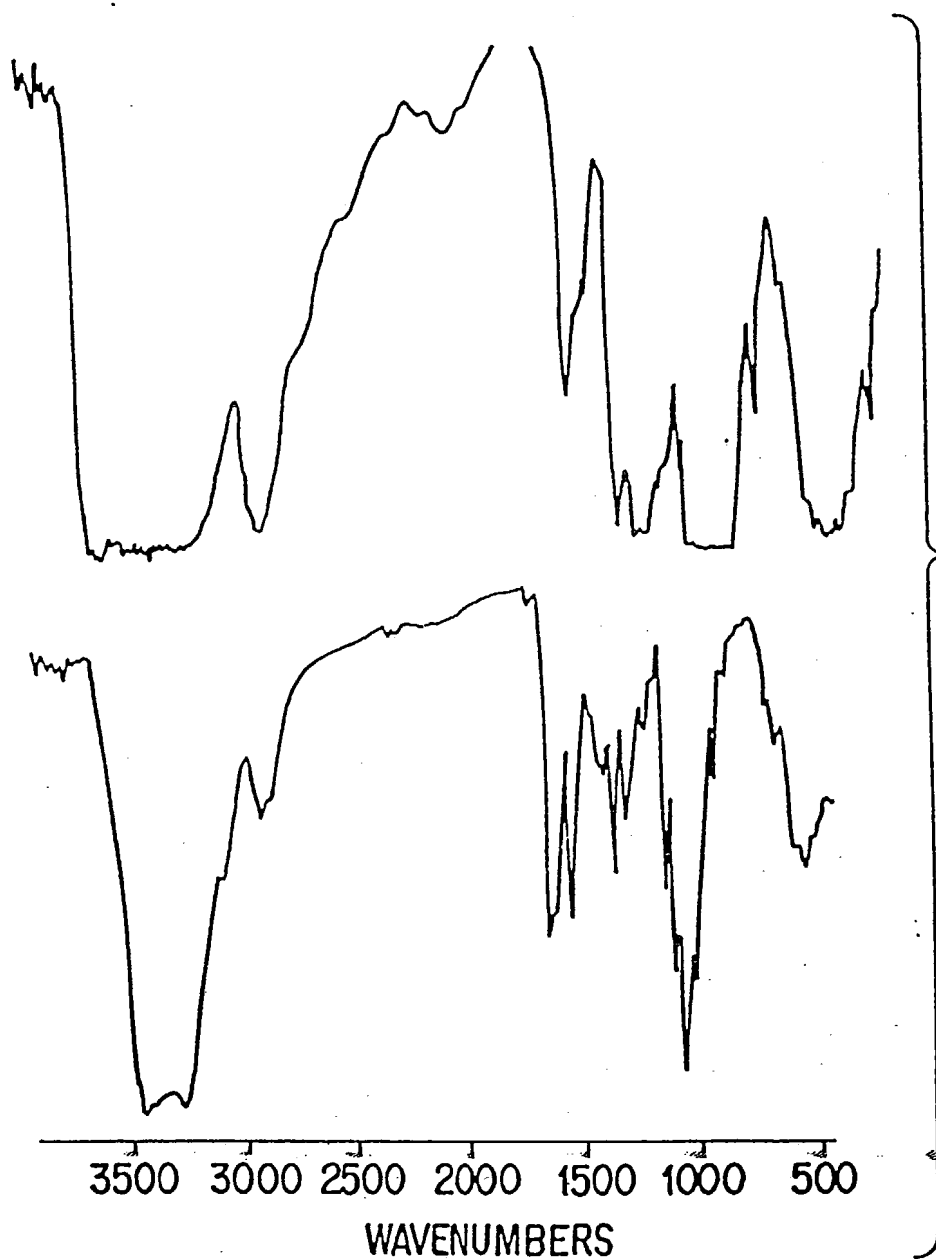


FIG.4B

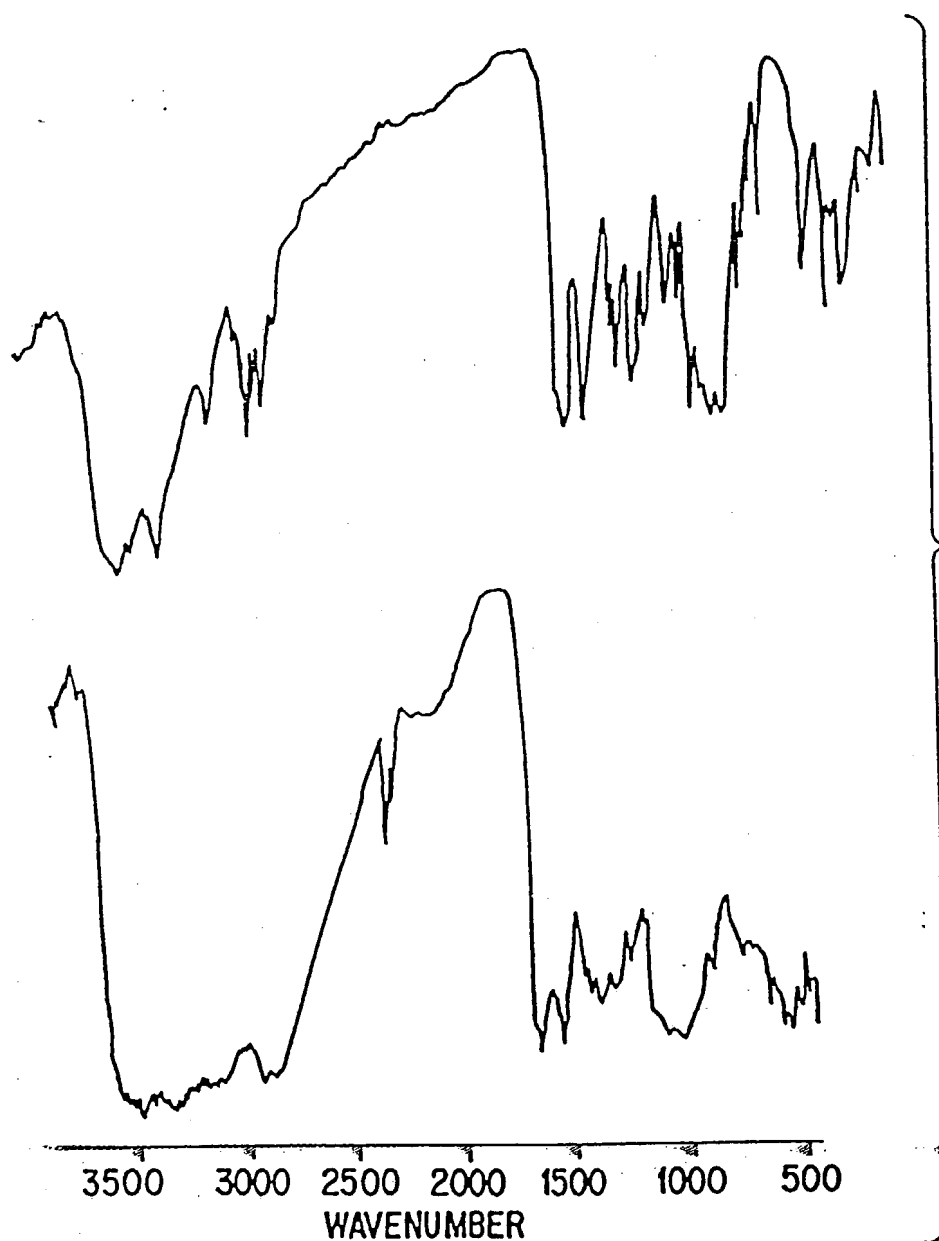


FIG. 4C

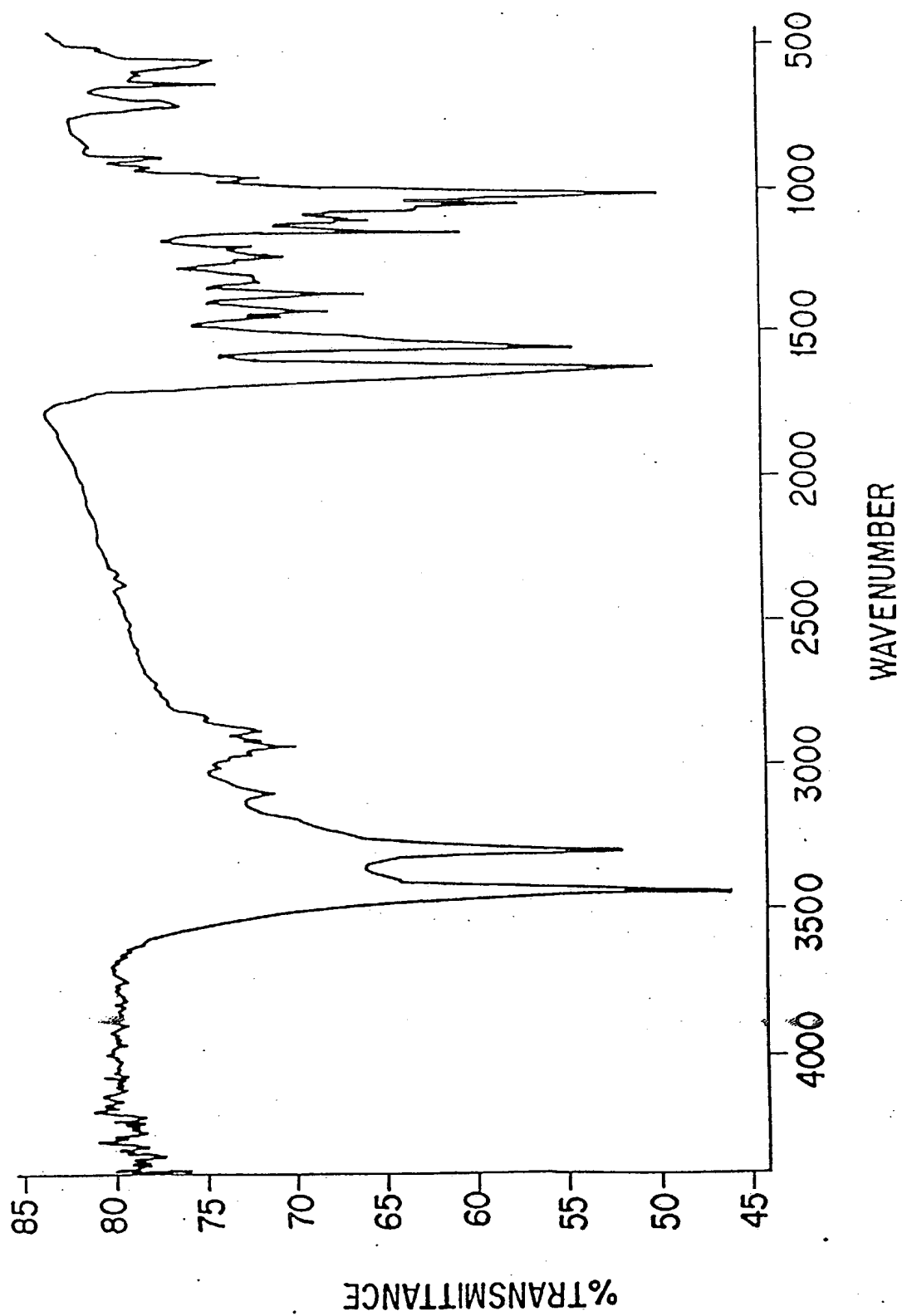


FIG. 4D



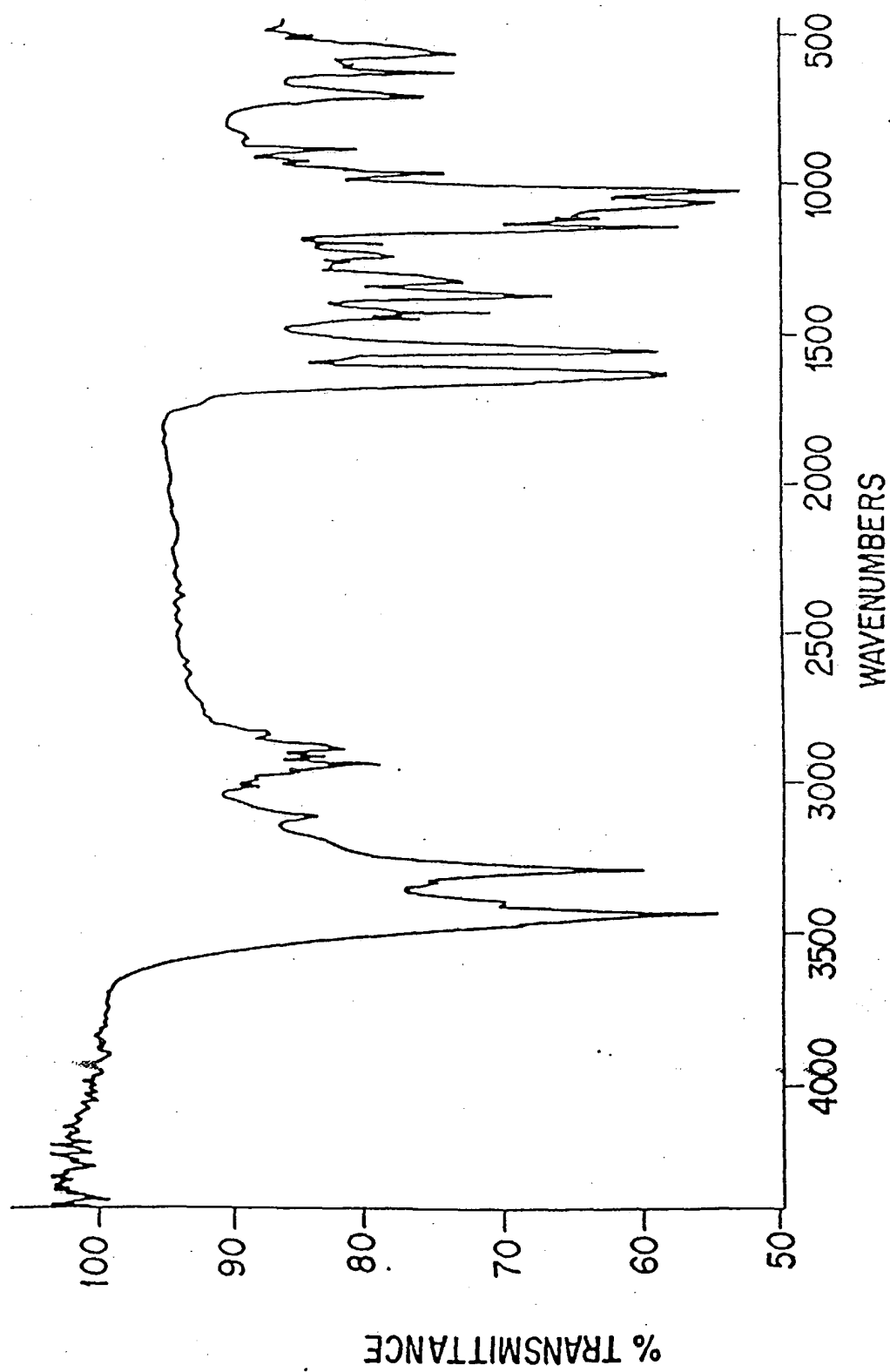
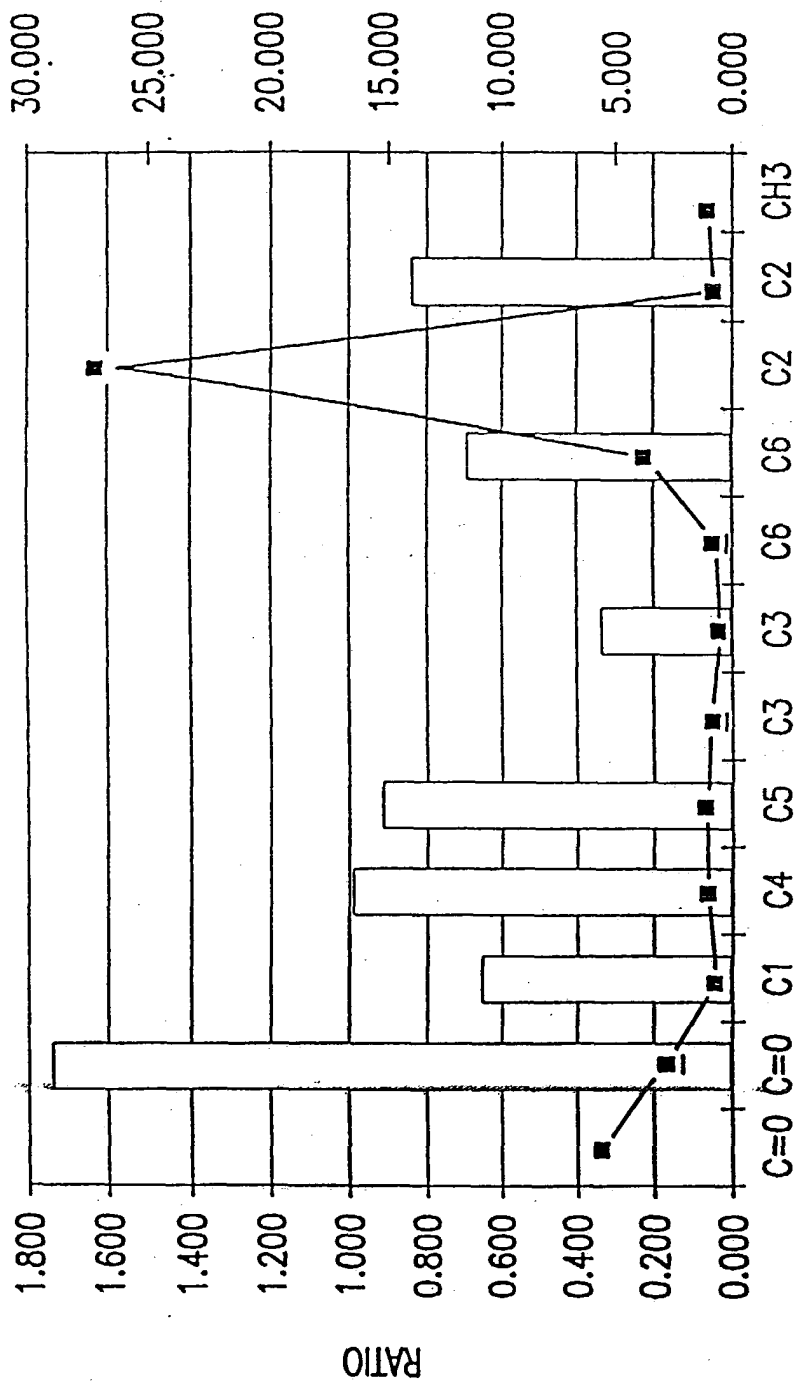


FIG. 4E

PEAK	%RF		AMPLITUDE	%SIGMA	AREA	%TOTAL		RATIO	RATIO
1	5	C=O	0.087	0.29	1.304	1.674			5.609
2	6	C=O	0.146	0.38	2.855	3.664	4.159	1.759	2.562
3	47	C1	0.563	0.38	11.153	14.314	11.153	0.656	0.656
4	59	C4	0.452	0.32	7.41	9.51	7.410	0.987	0.987
5	63	C5	0.311	0.49	7.906	10.147	7.906	0.925	0.925
6	64	C3	1.195	0.16	9.816	12.598			0.745
7	65	C3	0.533	0.4	11.11	14.259	20.926	0.350	0.658
8	72	C6	0.148	1.1	8.419	10.805			0.869
9	73	C6	0.21	0.18	1.98	2.541	10.399	0.703	3.694
10	74	C2	0.026	0.2	0.27	0.346			27.089
11	75	C2	0.227	0.72	8.38	10.755	8.650	0.846	0.873
12	94	CH3	0.377	0.38	7.314	9.387			1.000

FIG.5A



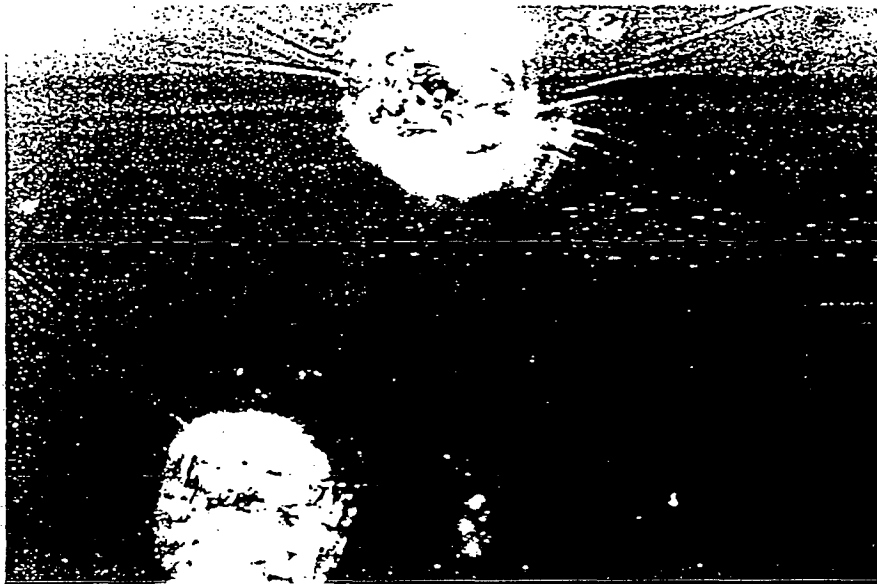


FIG. 12A



FIG. 12B

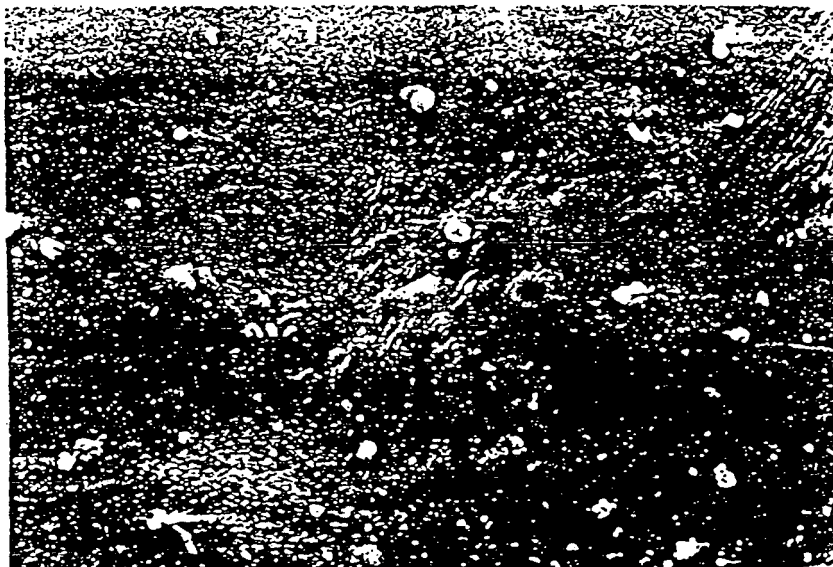


FIG.11A

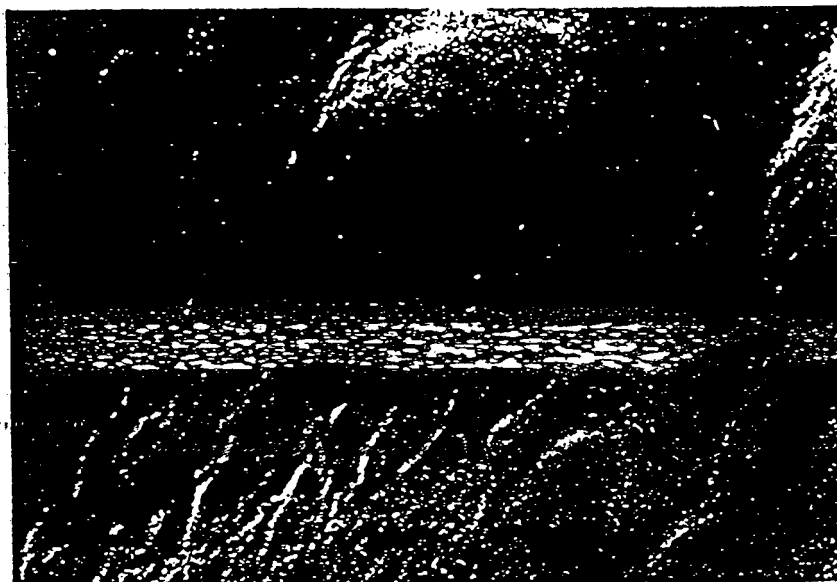


FIG.11B

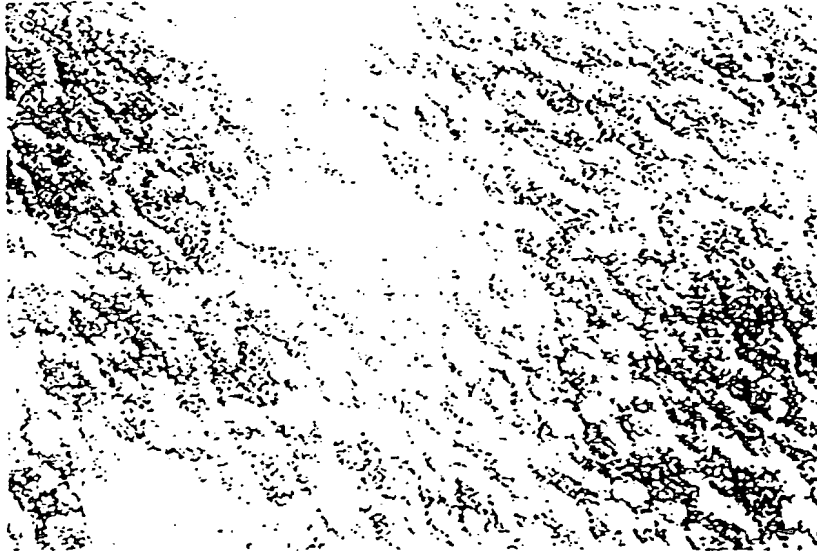


FIG.10A

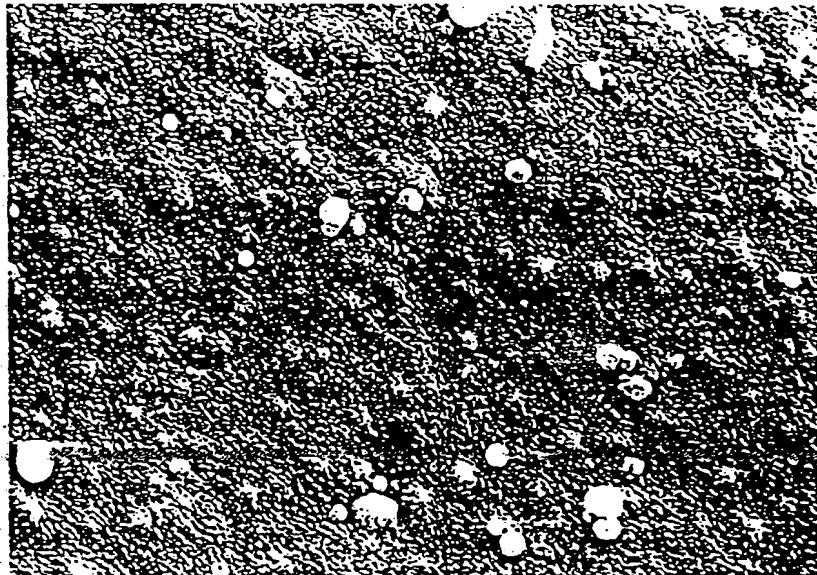


FIG.10B



FIG.9E

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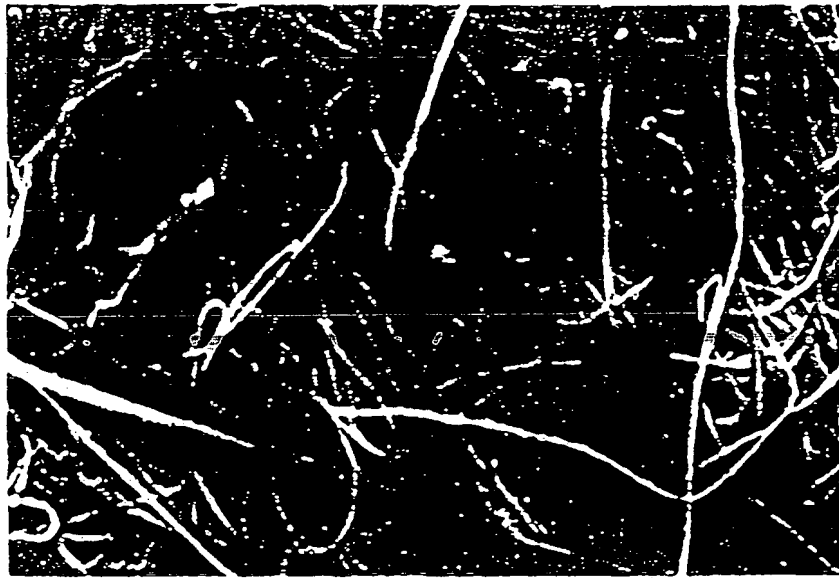


FIG.9D



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FIG.9C

7867-007 (SHEET 18 OF 57)

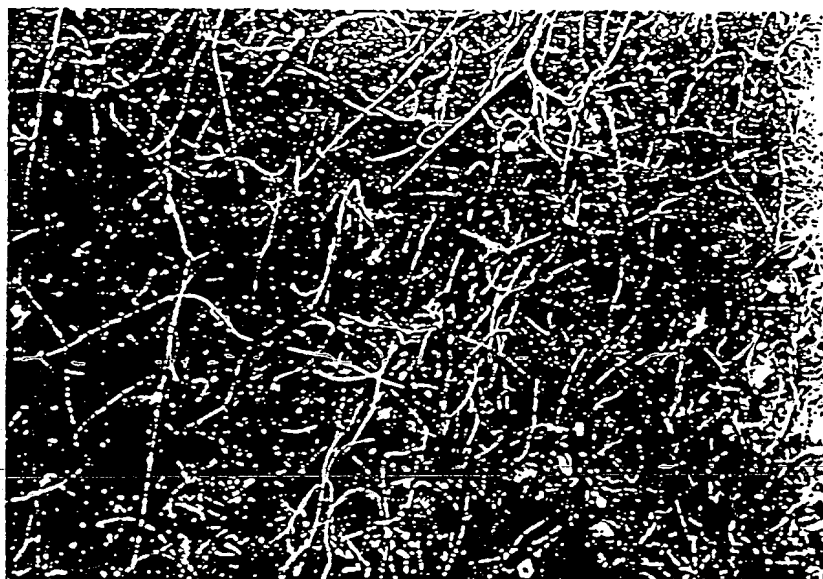


FIG.9B

7867-007 (SHEET 19 OF 57)

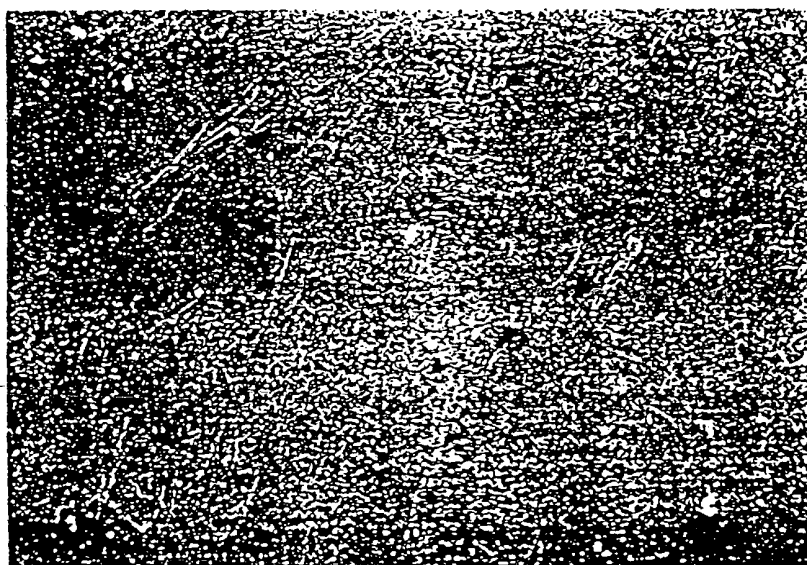


FIG.9A



FIG.8A



FIG.8B

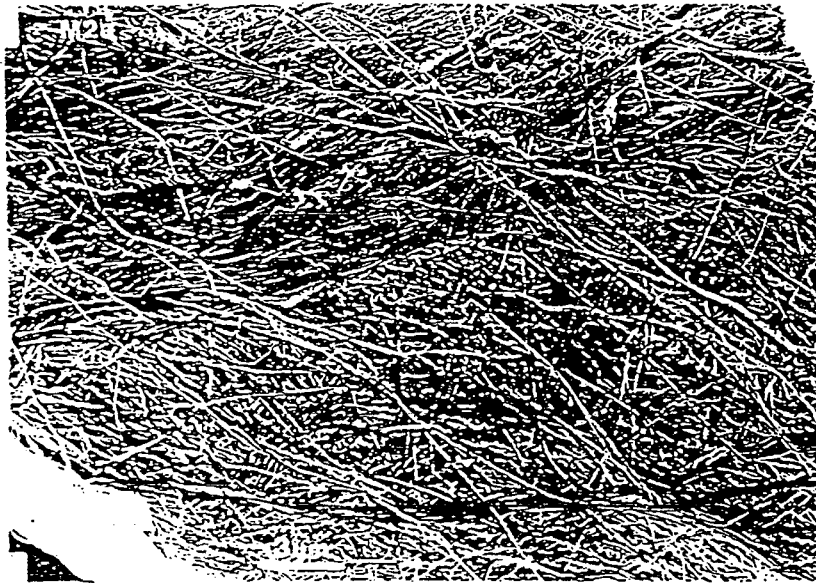


FIG.7A

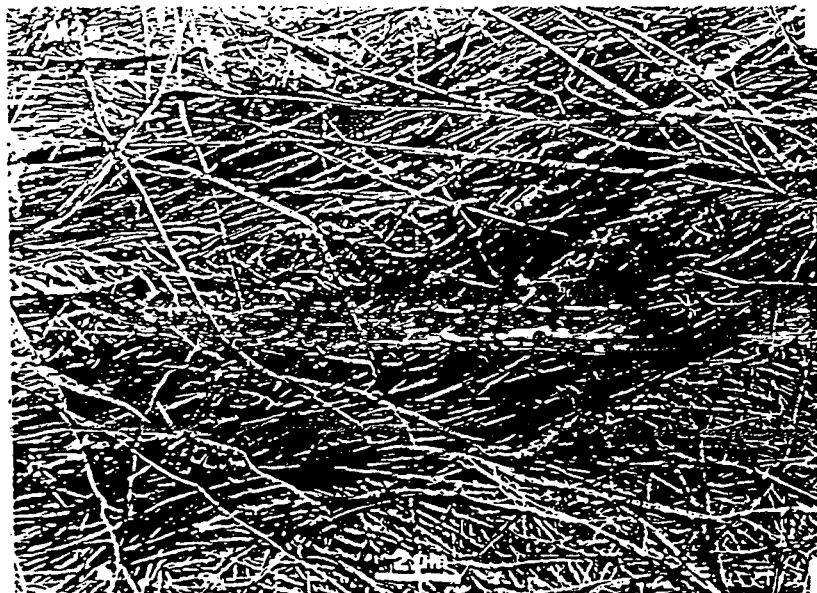


FIG.7B

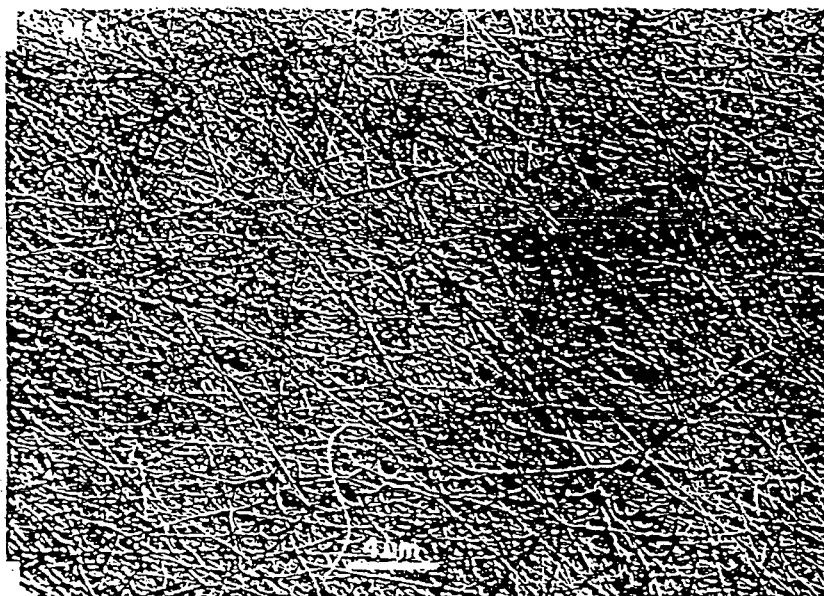


FIG.6A

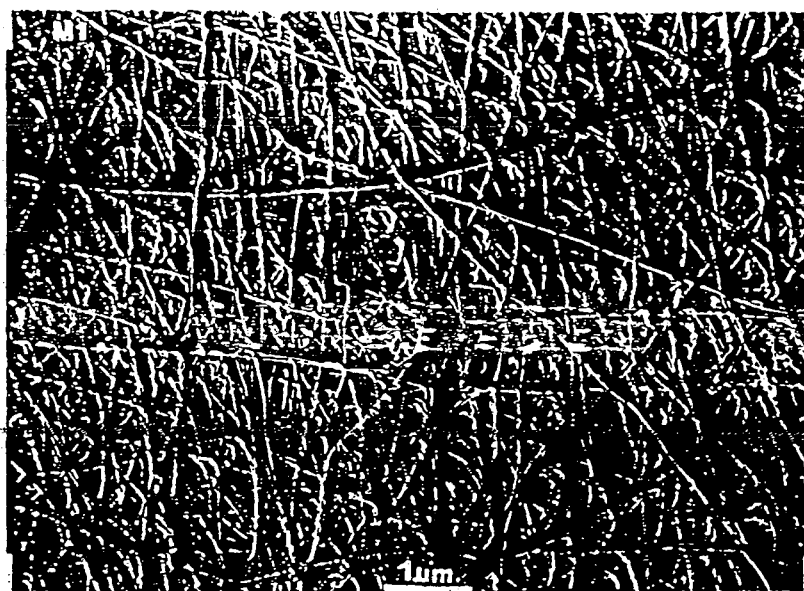


FIG.6B

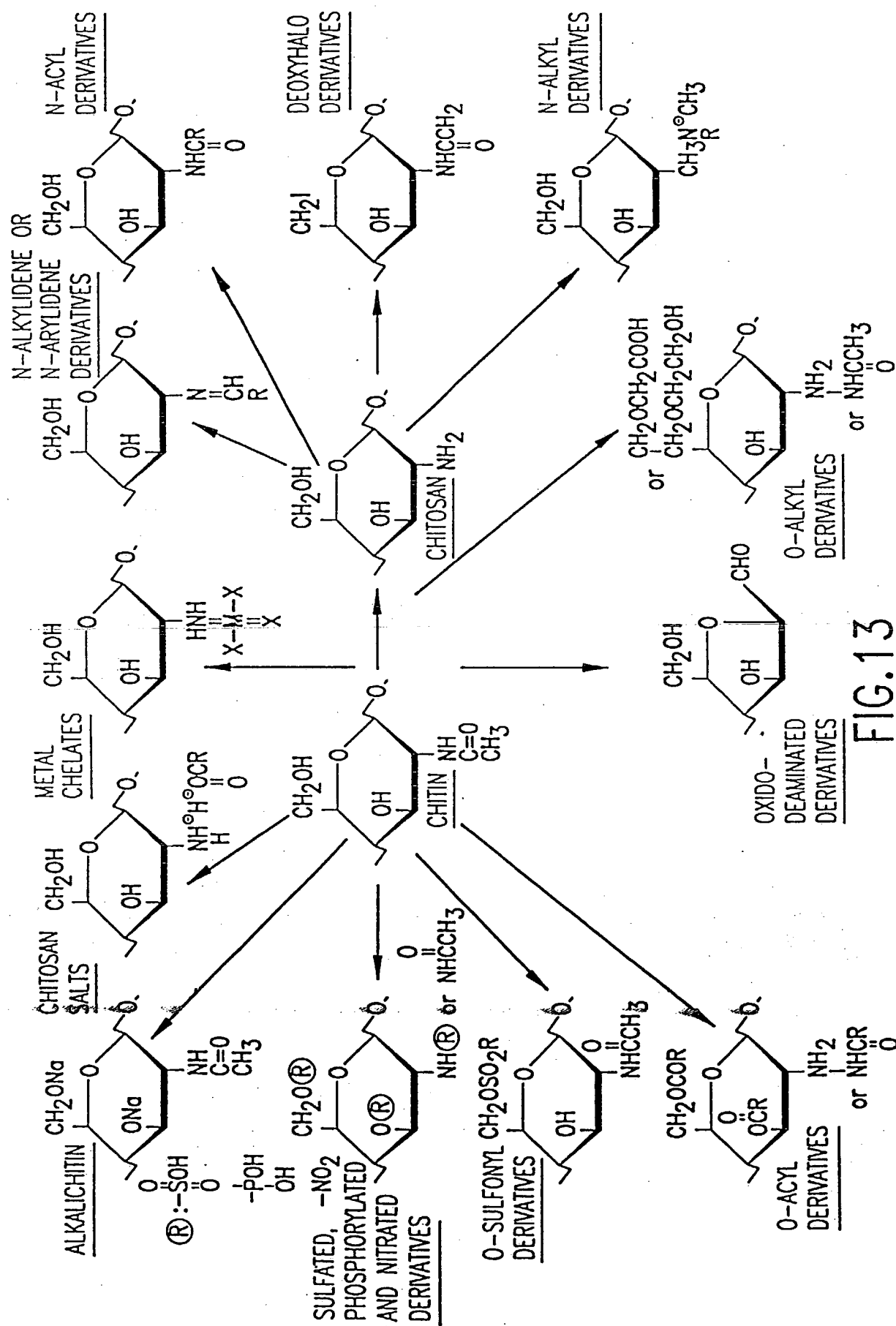


FIG.13

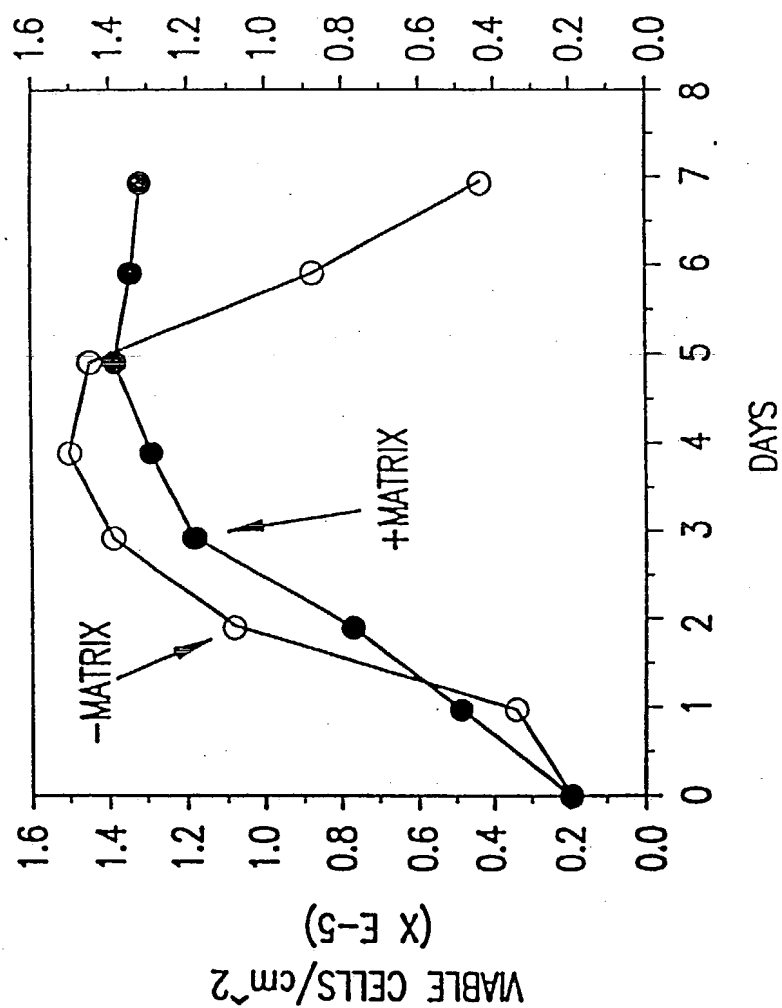


FIG.14



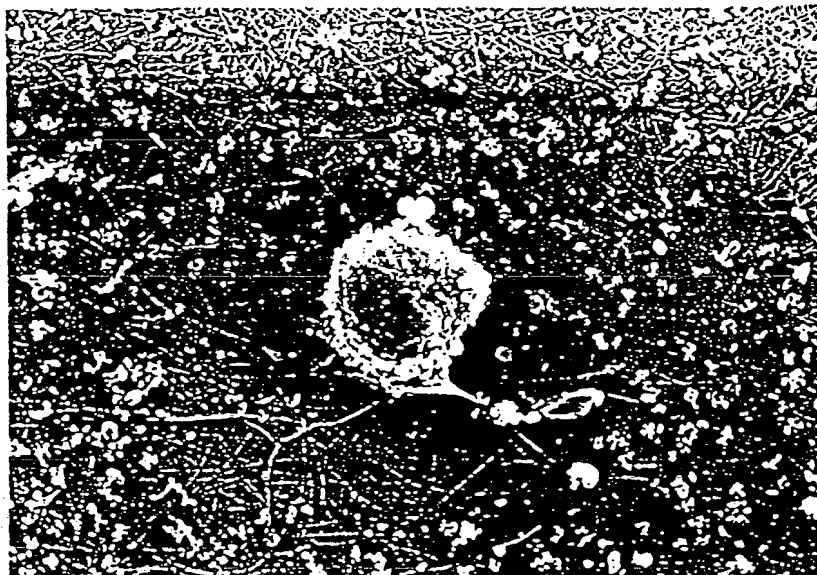


FIG. 15A

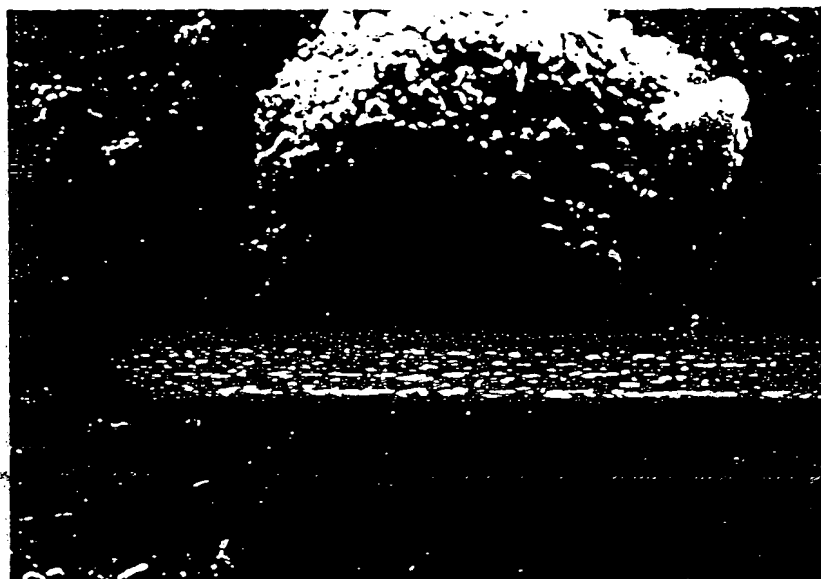


FIG. 15B

7867-007 (SHEET 26 OF 57)



FIG.16A

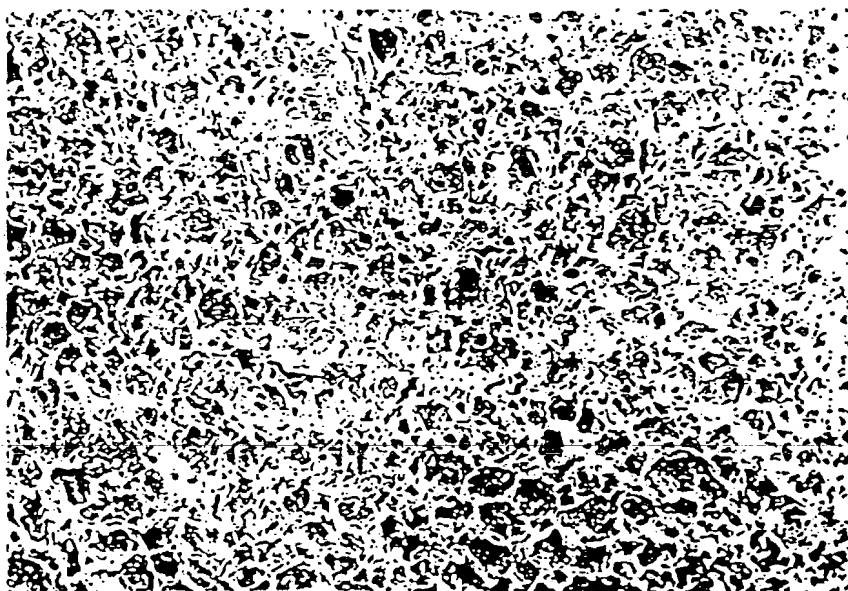


FIG.16B

7867-007 (SHEET 28 OF 57)

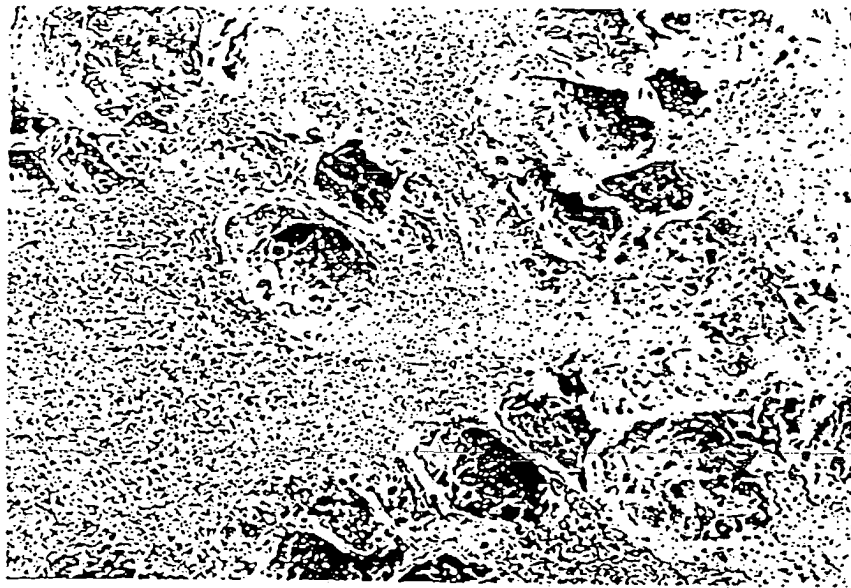


FIG.16C

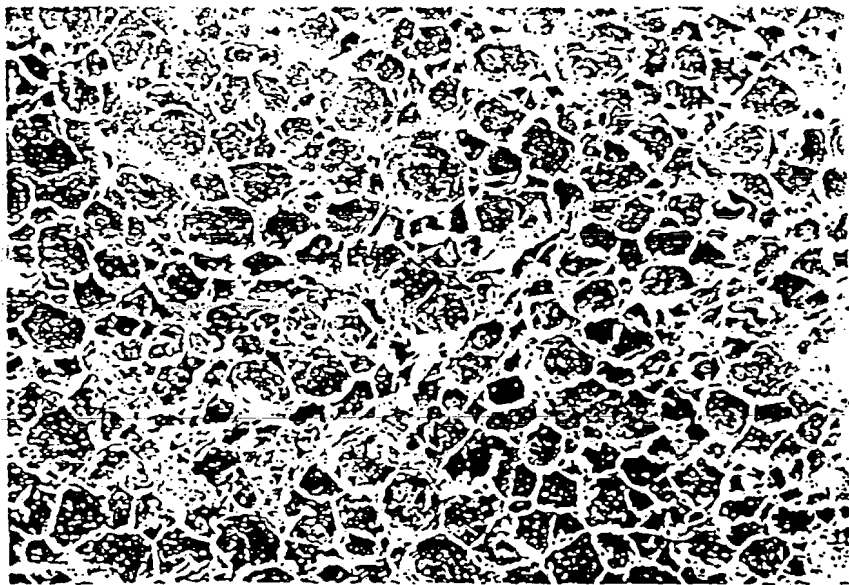


FIG.16D

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FIG.16E

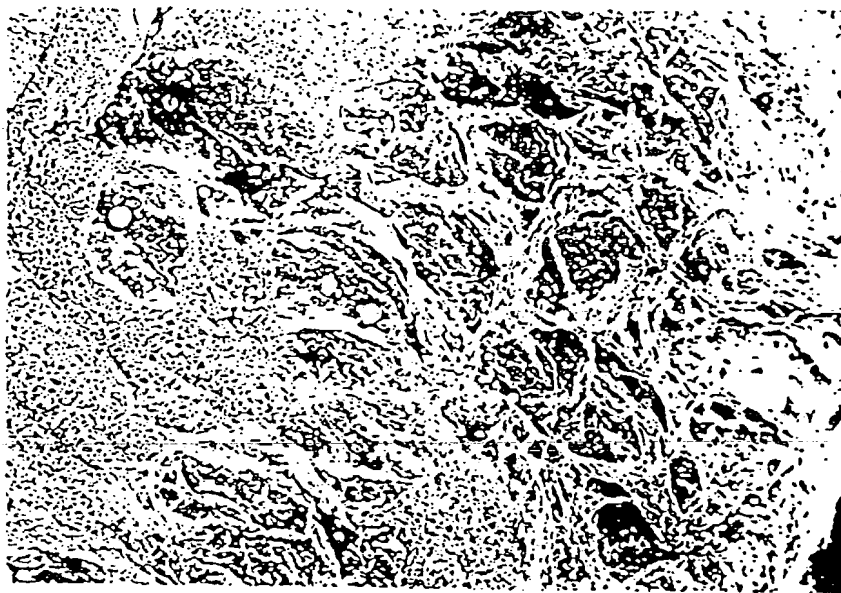


FIG.17A

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FIG.17B



7867-007 (SHEET 33 OF 57)



FIG.17C

7867-007 (SHEET 34 OF 57)

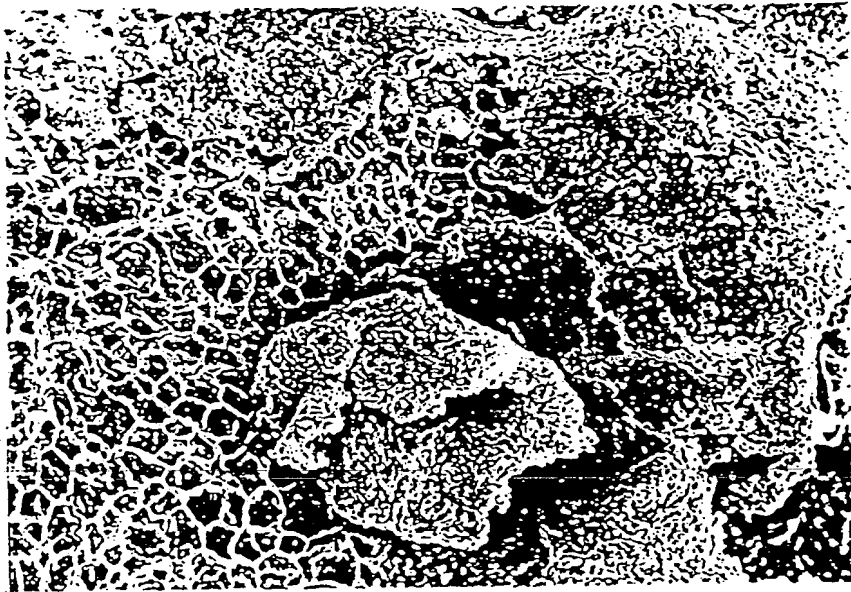


FIG.17D

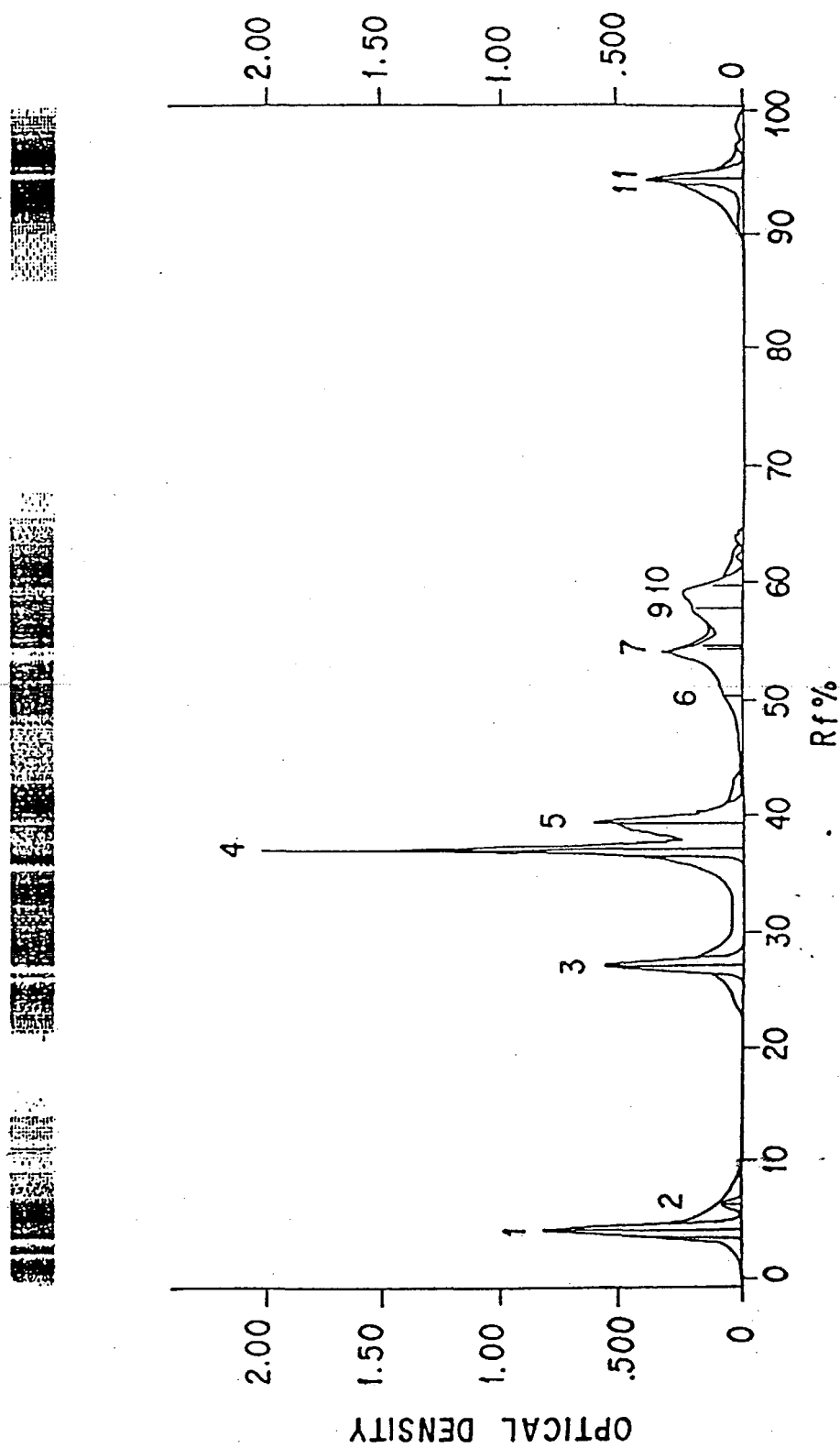


FIG.18

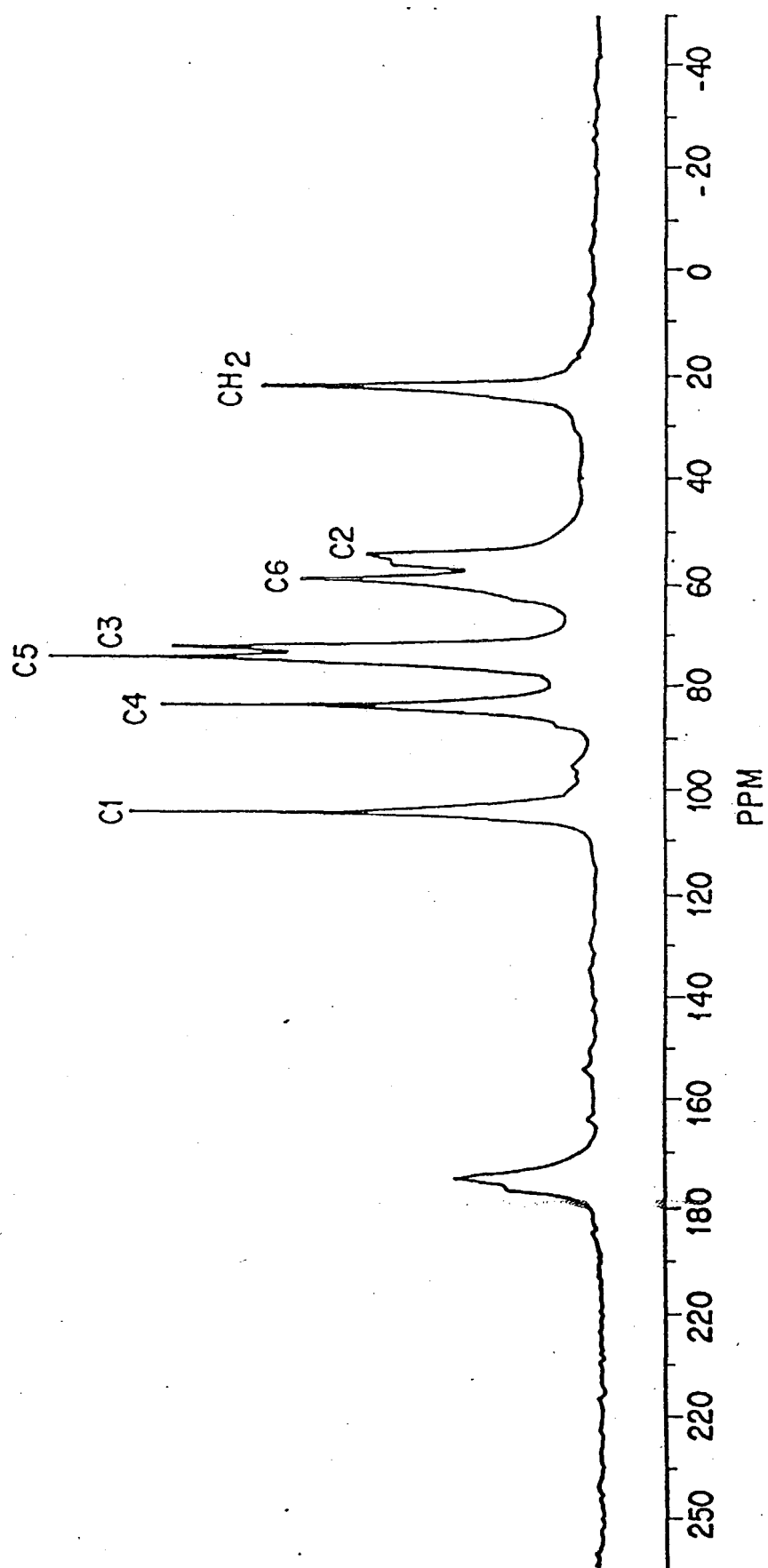
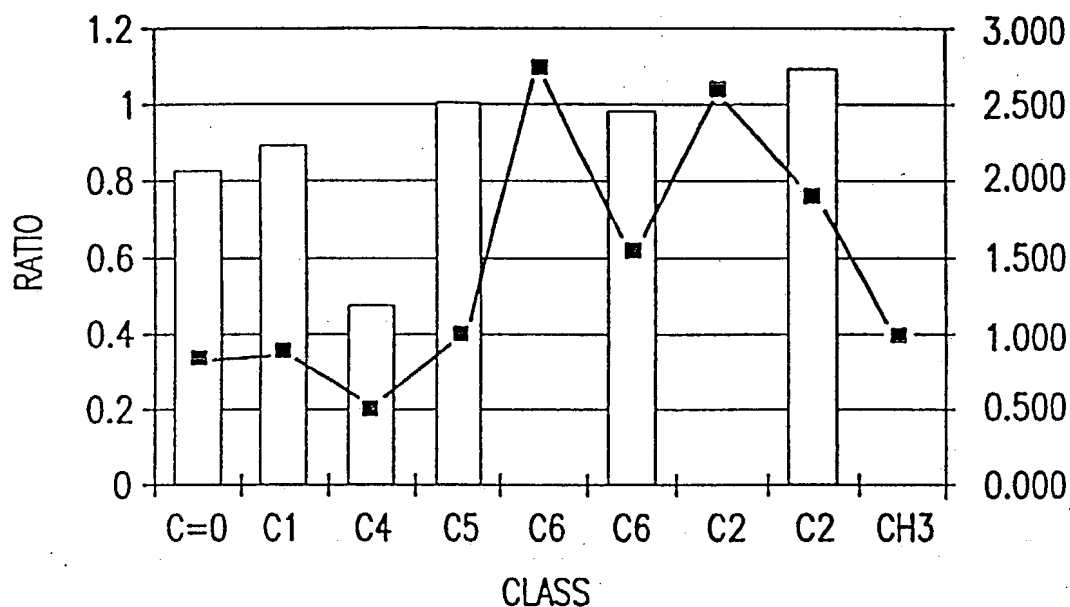


FIG. 19



PEAK	%RF		AMPLITUDE	%SIGMA	AREA	%TOTAL		RATIO	RATIO
1	4	C=O	0.803	0.42	18.08	14.5	18.080	0.8308	0.831
2	27	C1	0.594	0.53	16.959	13.6	16.959	0.8857	0.886
3	37	C4	2.073	0.28	30.787	24.68	30.787	0.4879	0.488
4	39	C5	0.581	0.48	14.915	11.96	14.915	1.007	1.007
5	51	C6	0.096	1.06	5.504	4.413			2.729
6	54	C6	0.324	0.56	9.767	7.831	15.271	0.9836	1.538
7	57	C2	0.197	0.55	5.848	4.689			2.568
8	59	C2	0.226	0.64	7.843	6.289	13.691	1.0971	1.915
9	95	CH3	0.363	0.77	15.02	12.04	15.020		1.000

FIG.20



FIG.21A

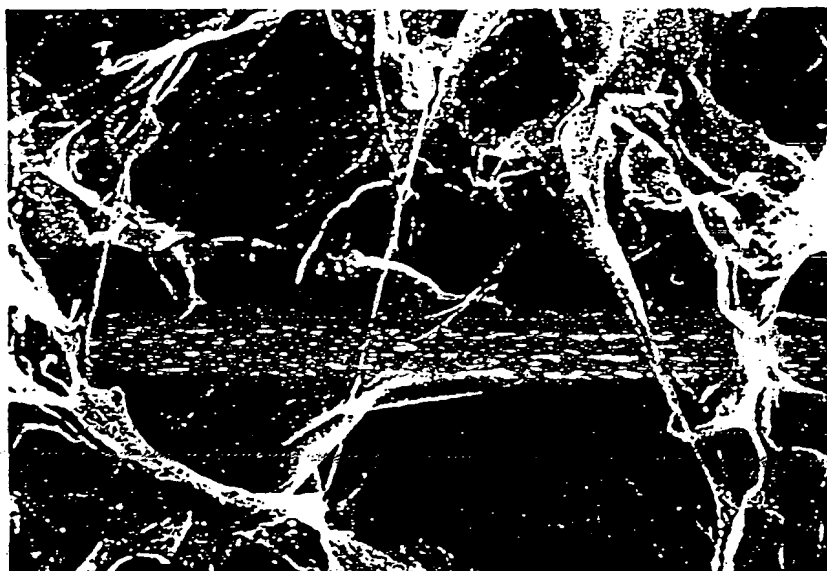
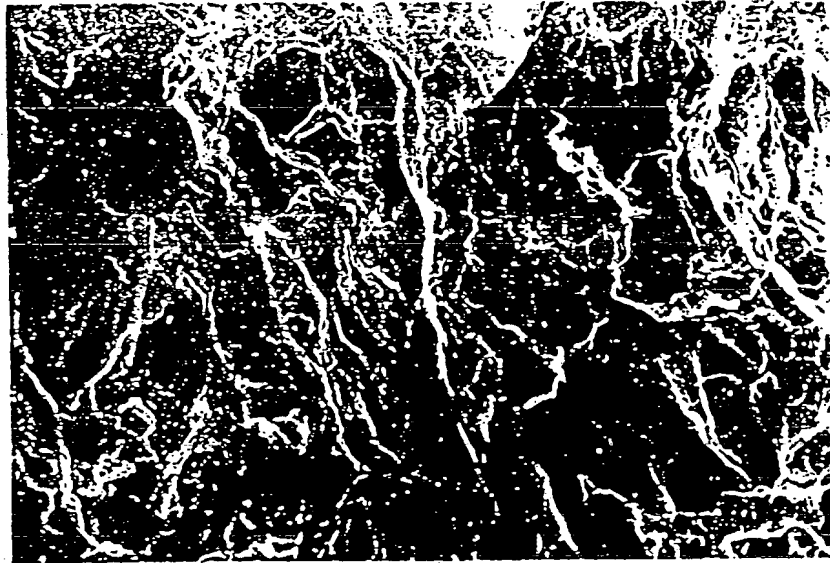


FIG.21B



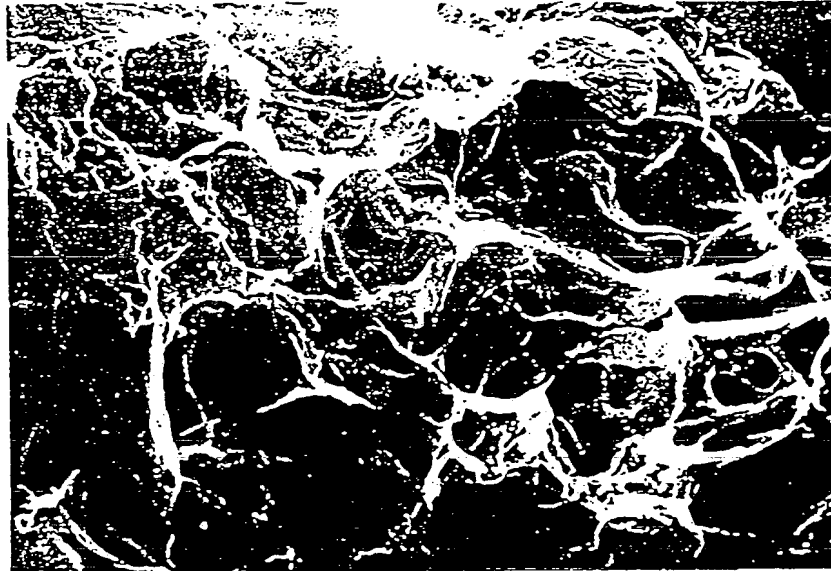
200  $\mu$ m

FIG.21C



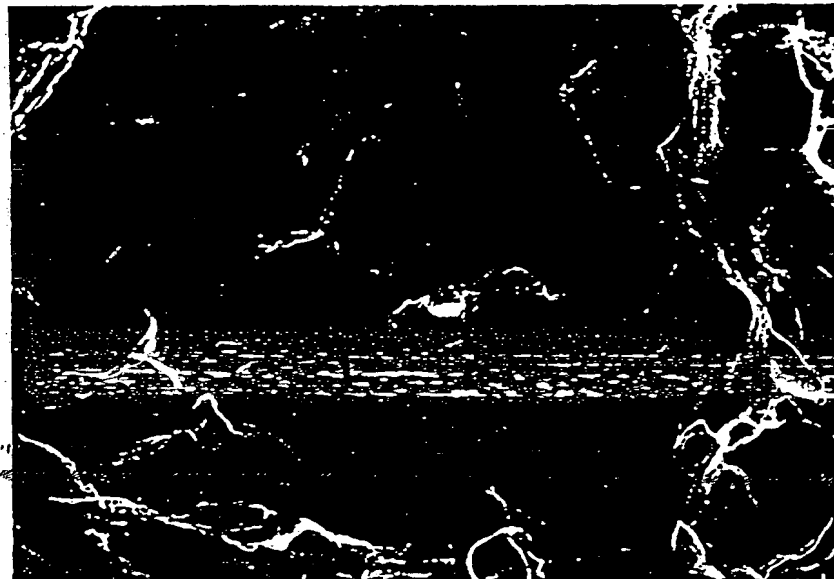
200  $\mu$ m

FIG.21D



200μm

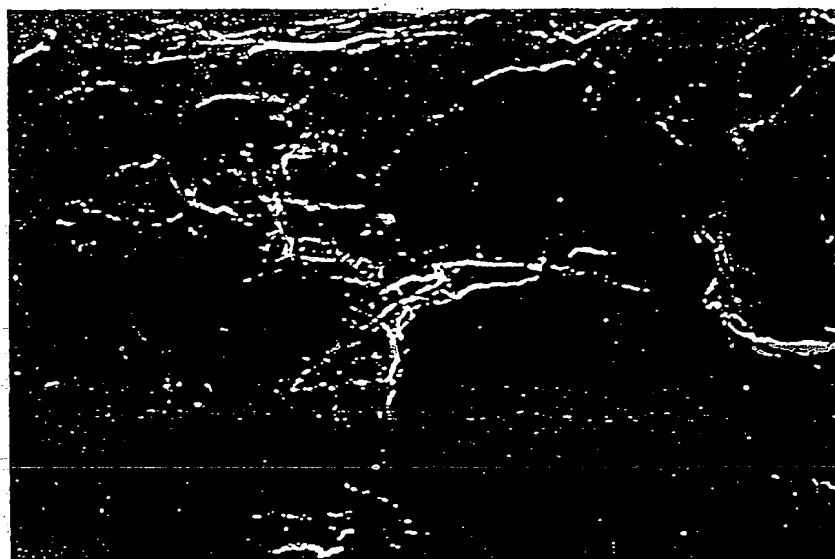
FIG.21E



200μm

FIG.21F





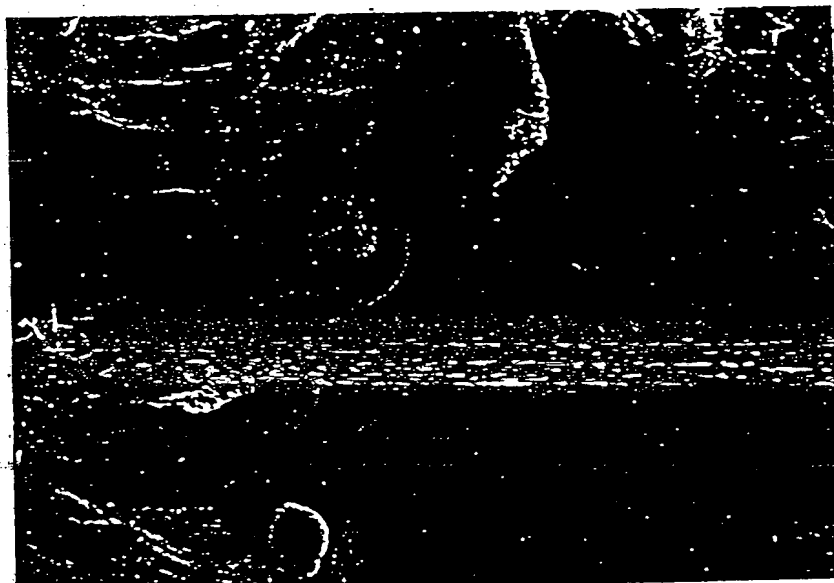
200μm

FIG.21G



200μm

FIG.22A



50μm

FIG.22B

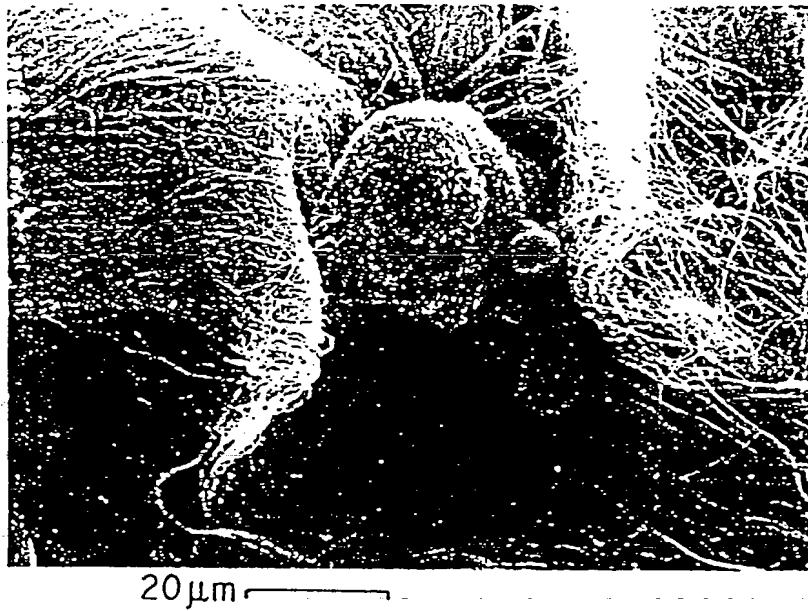


FIG.22C

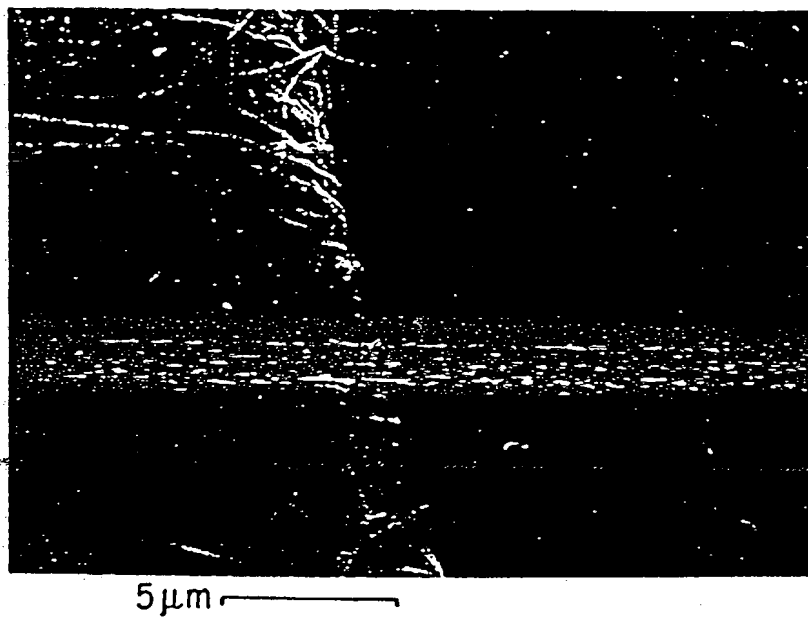
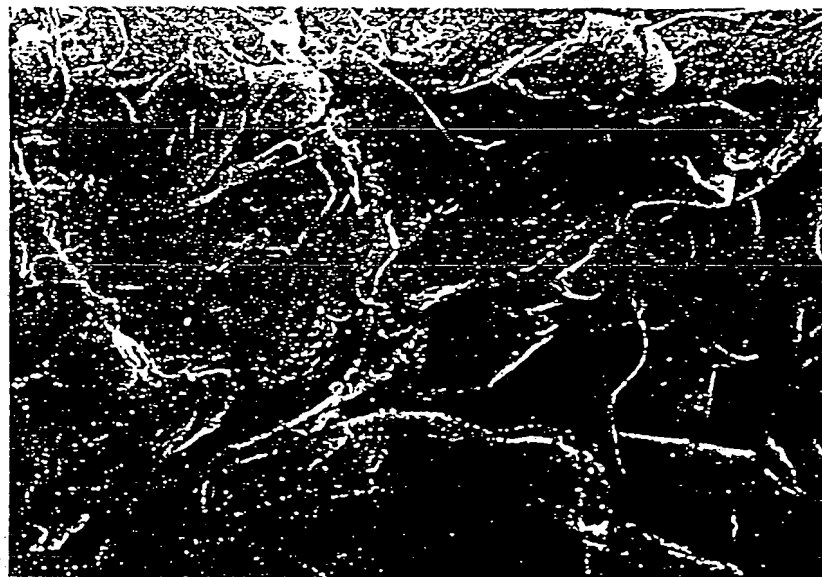


FIG.22D



200μm

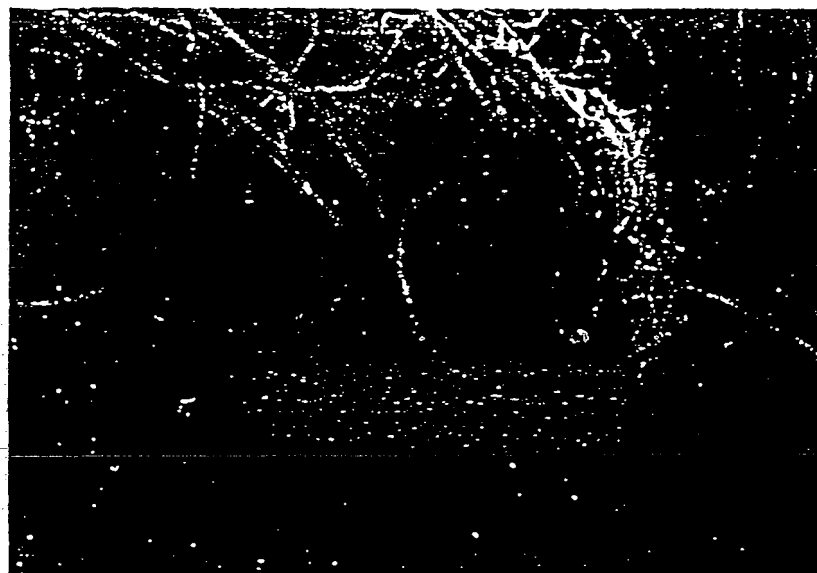
FIG.22E



20μm

FIG.22F

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5 $\mu$ m

FIG.22G

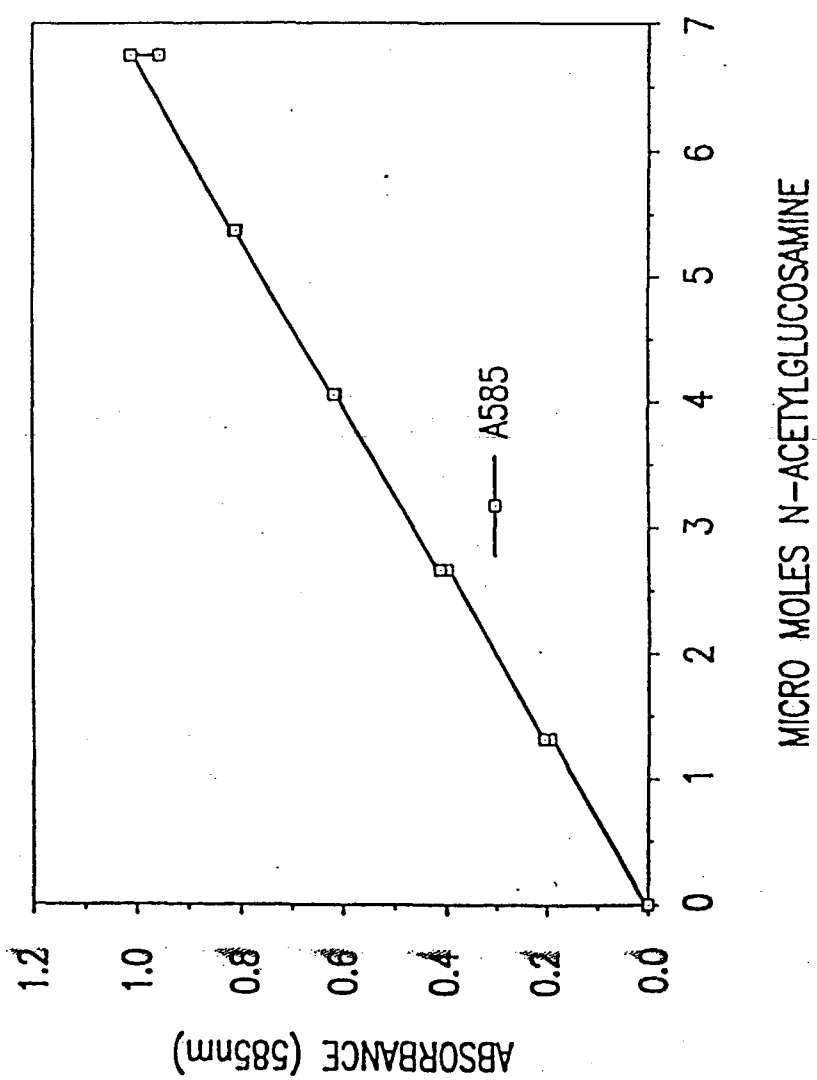


FIG.23

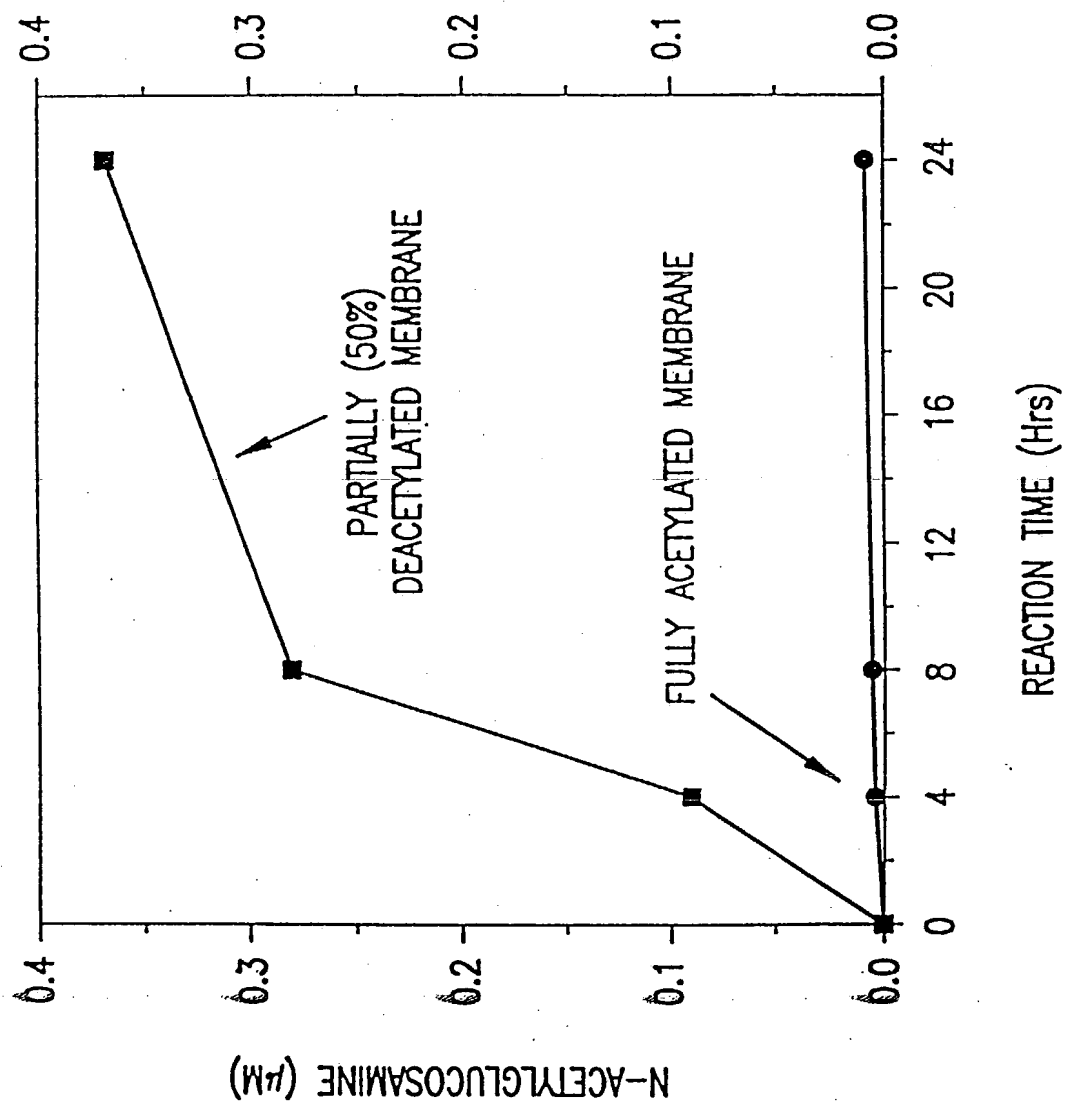


FIG.24

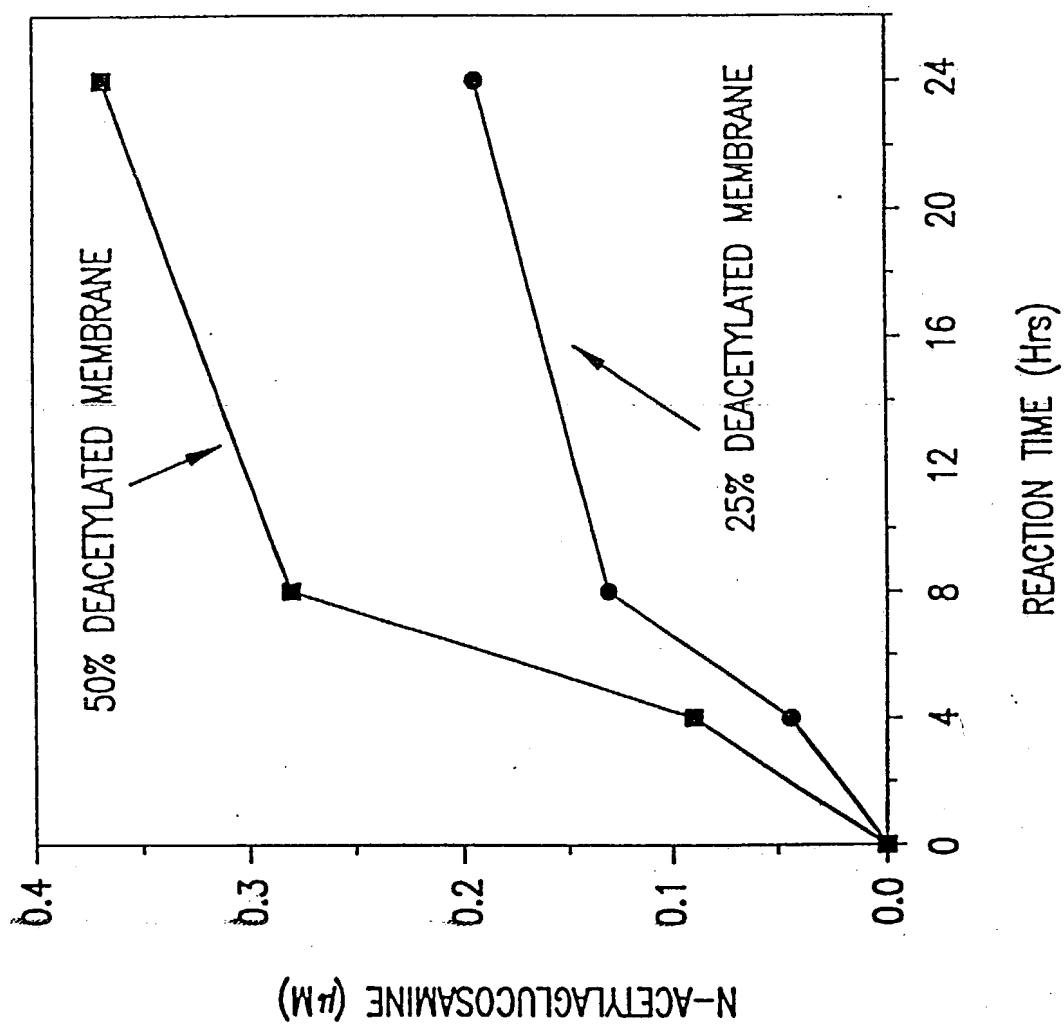


FIG.25



PROTOTYPE 1: DAY 0

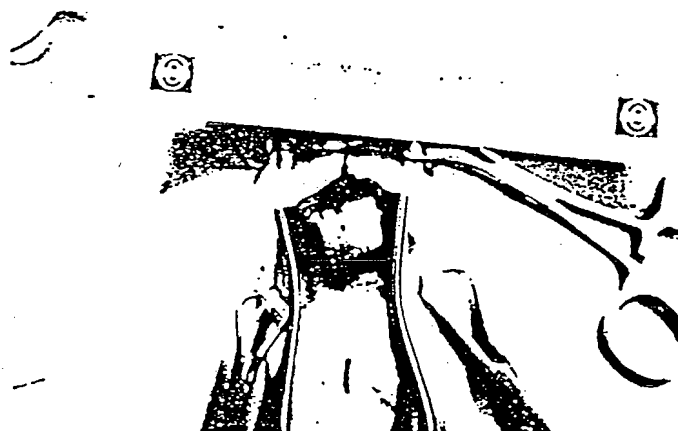


FIG.26A

PROTOTYPE 1: DAY 14

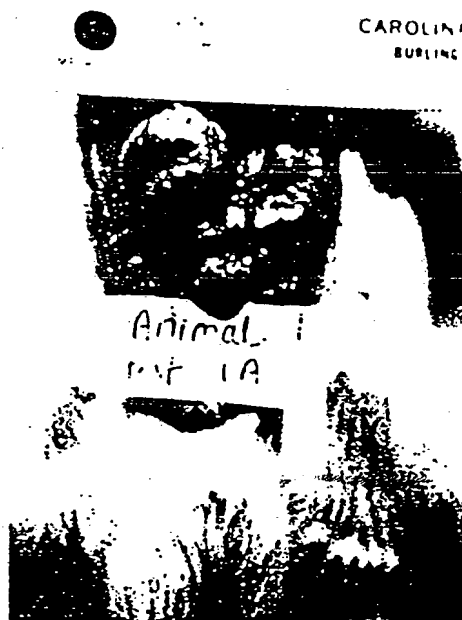


FIG.26B

PROTOTYPE 1: DAY 21

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FIG.26C

PROTOTYPE 3A: DAY 0



FIG.26D

PROTOTYPE 3A: DAY 14

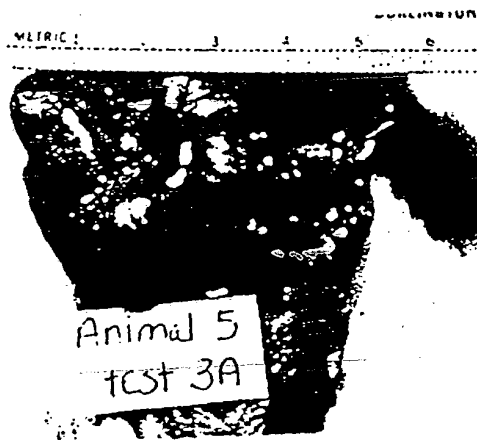


FIG.26E

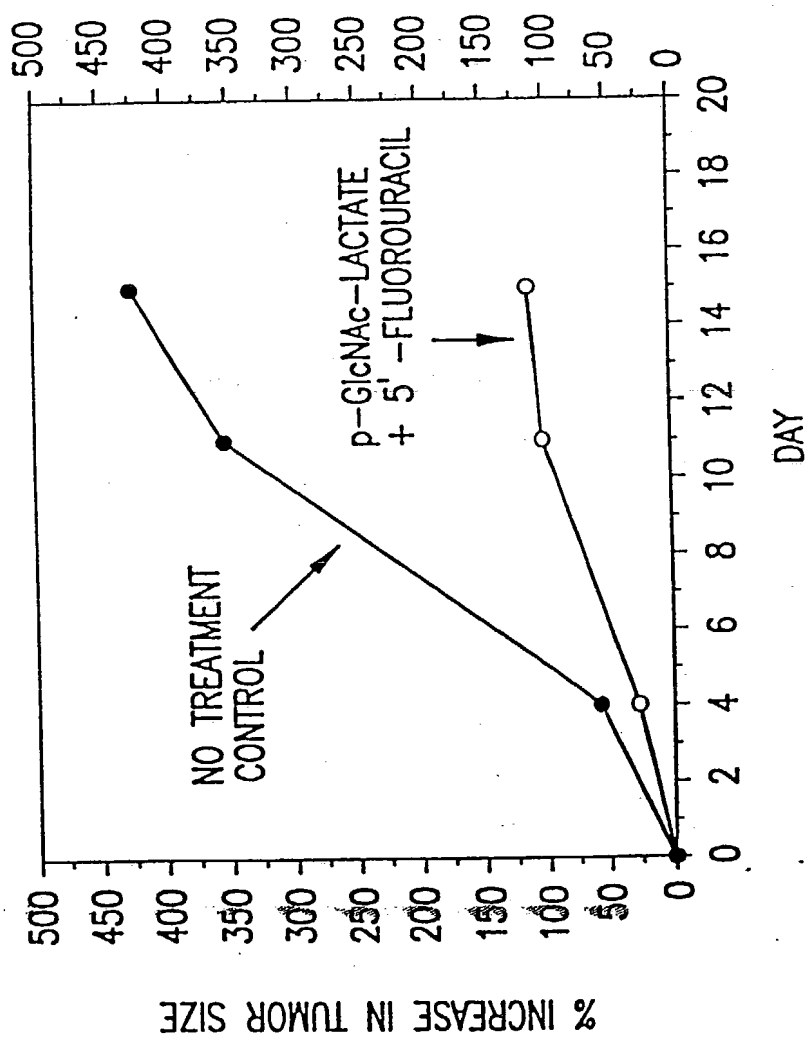


FIG.27

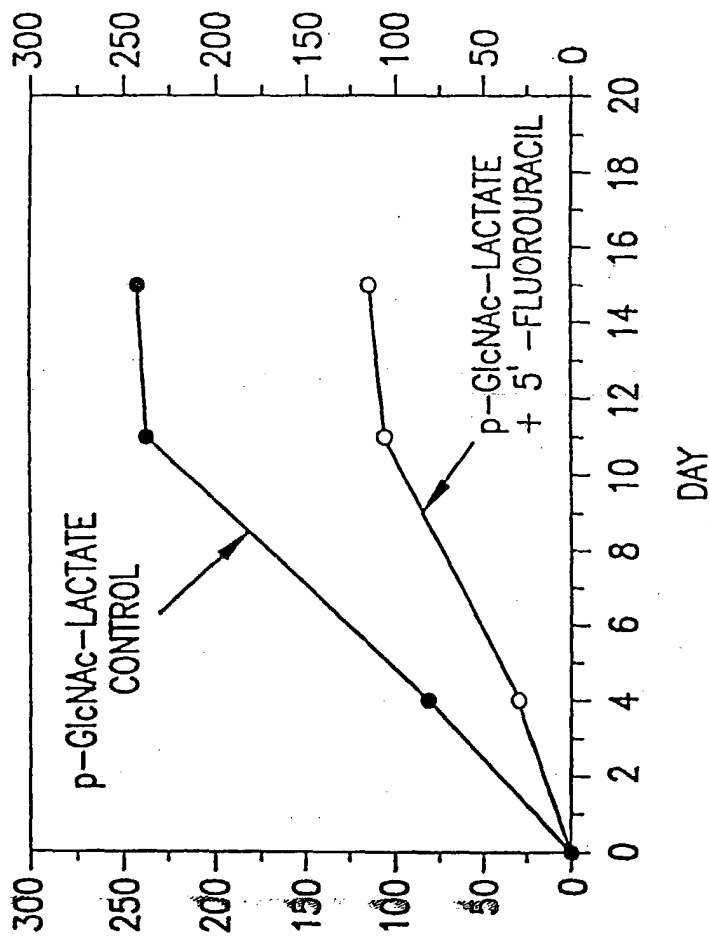


FIG.28

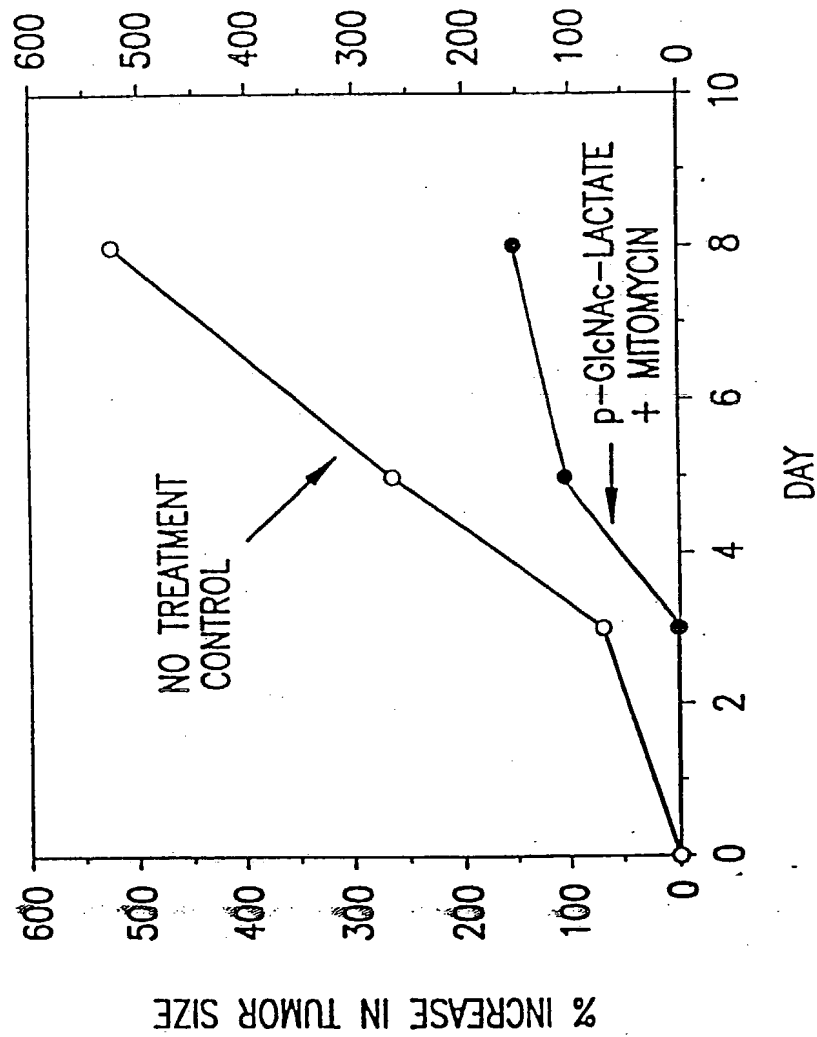


FIG.29

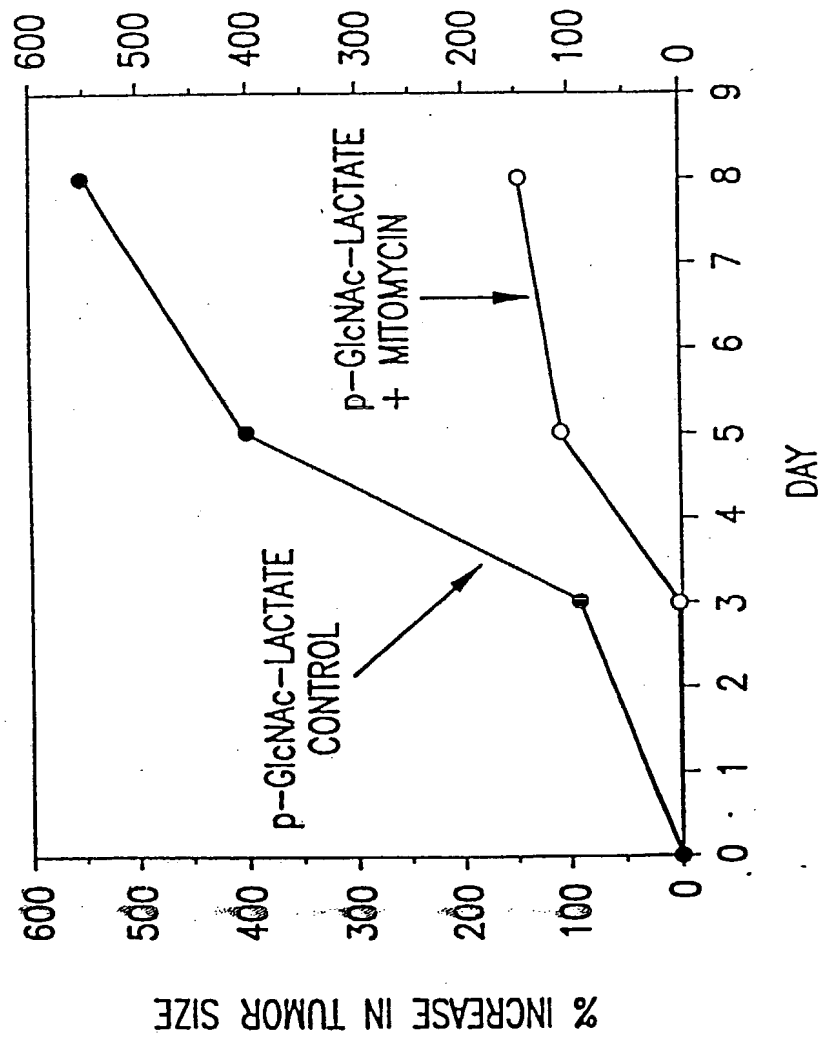


FIG.30

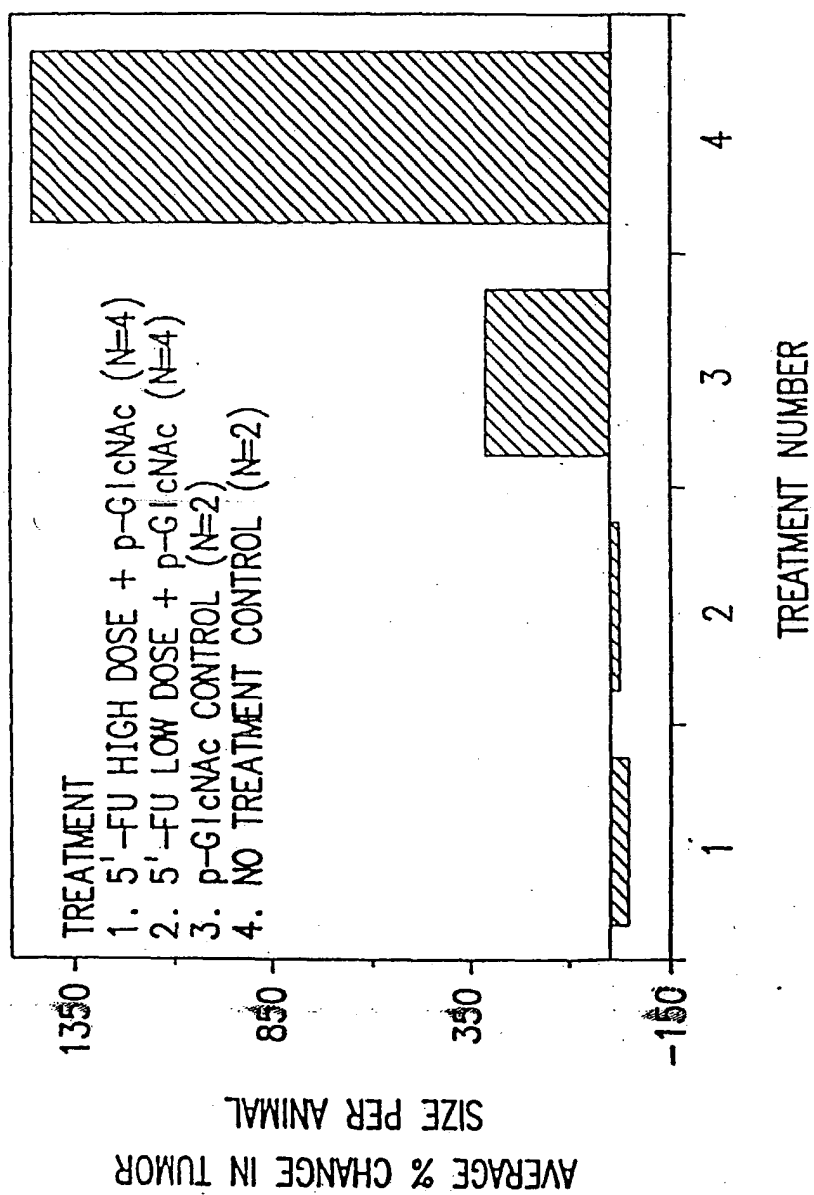


FIG.31



FIG. 32 A



FIG. 32 B

